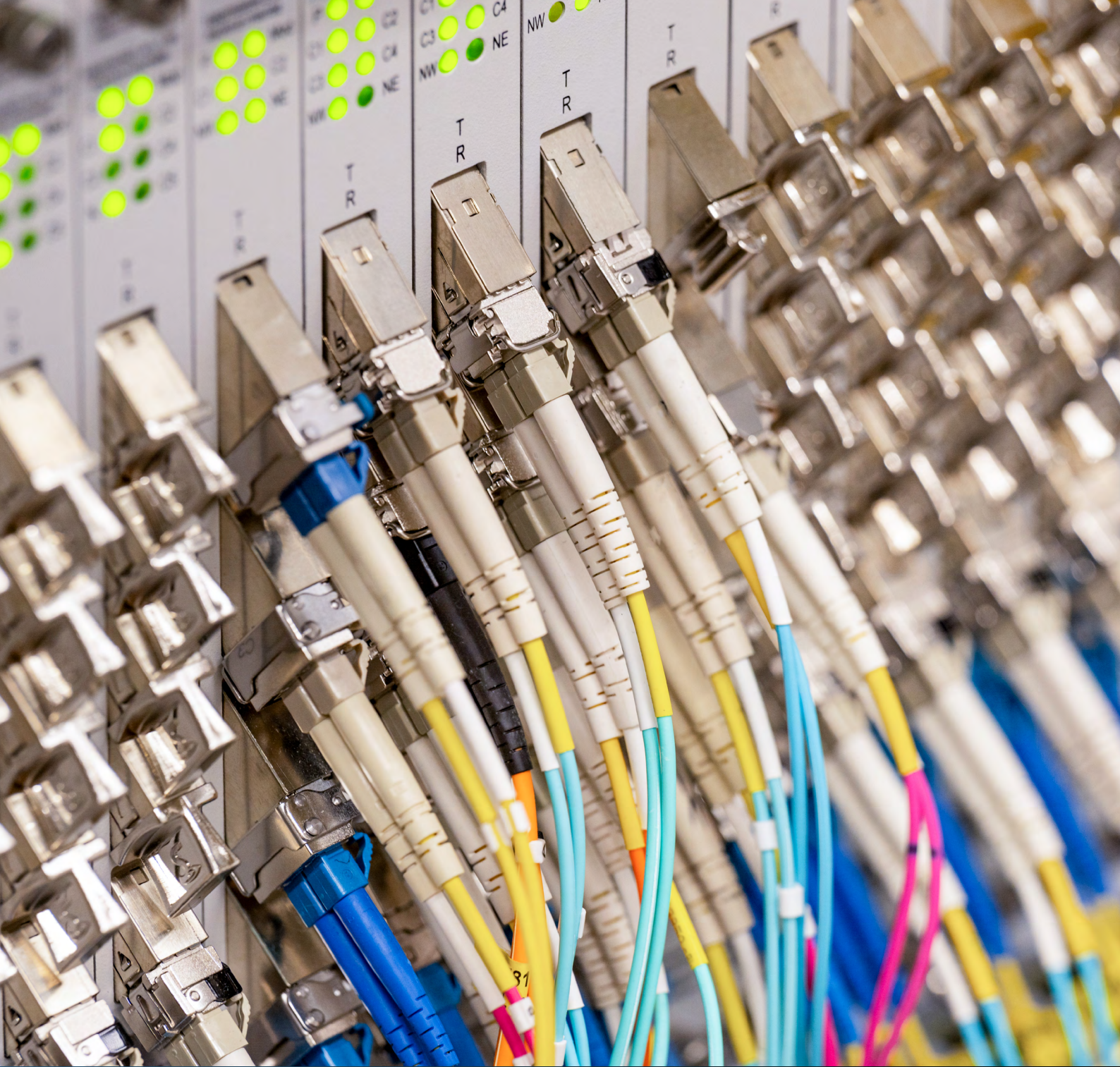




PROSE Cabling System

PROSE

Who We Are

Rosenberger Hochfrequenztechnik GmbH & Co. was founded in Germany in 1958 and ranks among the leading manufacturers of high-speed interconnect solutions worldwide. With its long tradition of excellence and innovation, Rosenberger has excelled and earned an outstanding reputation all over the world.

In early 2022 the Rosenberger Group announced the restructure of its antenna and coverage solution product portfolio with a new brand entity PROSE. The strategic focus of PROSE will be on the development of base station antennas, microwave antennas, indoor and outdoor coverage solutions, Open RAN sub-systems, data center, cabling system, IoT solutions, Automotive and related services.

As an independent entity, PROSE, with its lean, agile, and decentralized organizational structure, will be better placed to serve global customers and manage growth by bringing new technologies and solutions, aligned with the changing needs of customers in the telecom industry. The PROSE product portfolio will uphold Rosenberger's tradition of the highest innovation and quality while delivering improved technology expertise and enhanced local customer support around the globe.

PROSE consists of more than 3000 people, with 40+ subsidiaries sales/service offices, 4 factories, and 5 R&D centers covering mainly North America, Europe, the Middle East, Africa, and Asia. It will continue to serve more than 100 operators/ service providers worldwide including a wide set of customized solutions for 5G deployments.

PROSE is an ISO 9001 quality system and ISO 14001 environmental system certified company. Equipped with advanced machinery, automatically assembly, and testing centers supported by a large group of more than 400 R&D engineers, state-of-the-art production assembly lines, and stringent product and quality control.

PROSE's reliability and competitiveness are the cornerstones of this sustainable growth, which have resulted in long-term partnerships with most of the leading companies in their respective industries. PROSE will continue to provide excellent product solutions and services for its customers around the world.



A: Pune, India
B: New Jersey, USA
C: Donauwörth, Germany
D: Suzhou, China



Mission

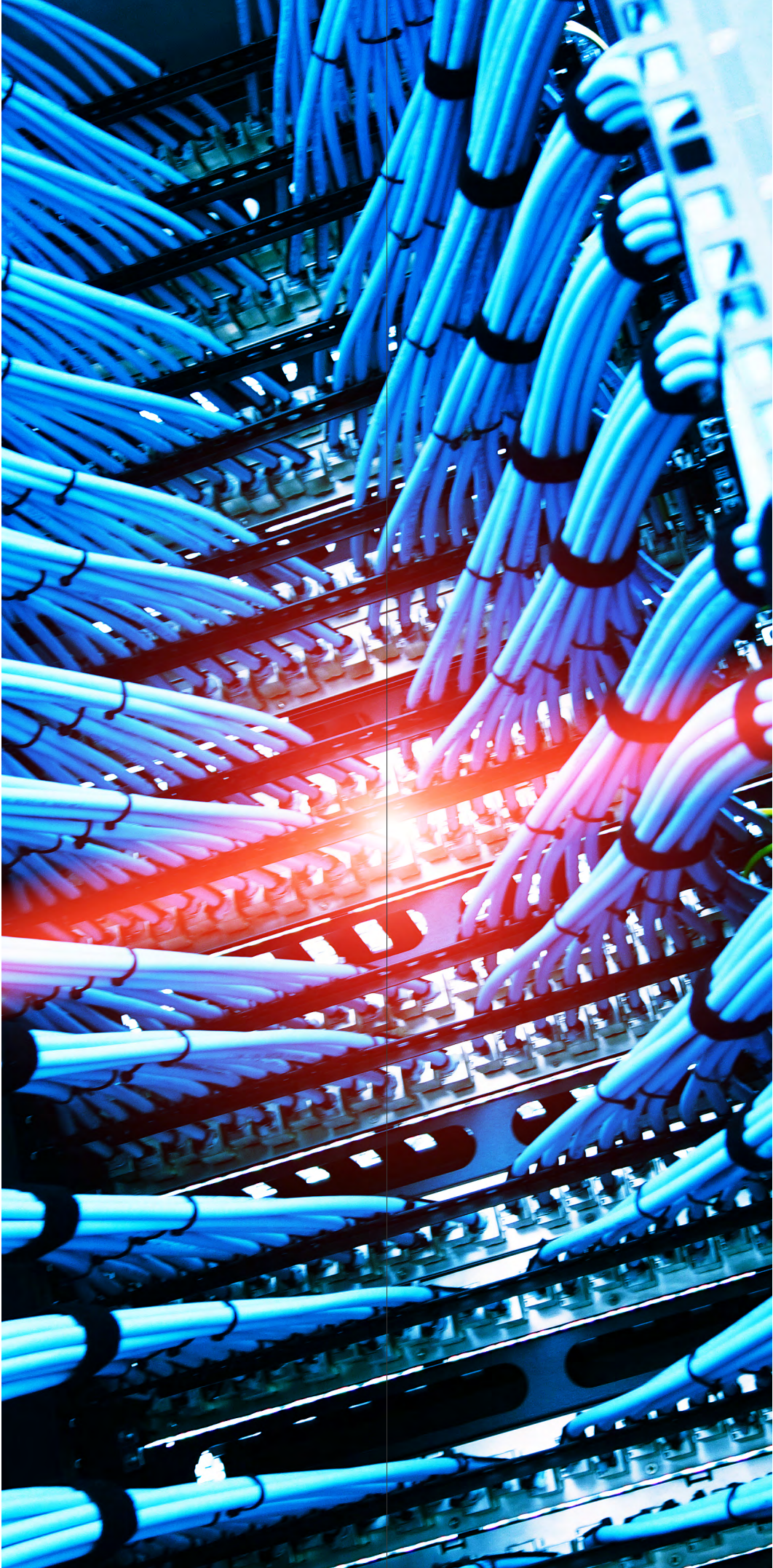
- Customer always comes first
- Drive innovation together with and for our customers
- Maintain a secure, humane and happy environment for our employees
- Develop our employees by investing in their education
- Take social responsibility
- Protect our environment with ecologically friendly products, production and processes

Core Value

- Value Innovation
- Customer Focus
- Sustainable Growth
- Social Responsibility

Products & Services

Digital World Products	Automatic Infrastructure Management System
	Building Cabling System
	Data Center Cabling System
	Edge Computing Data Center
	Modular Data Center
	MDC Cloud Management Platform
BTS Antennas	Single-Multi Band Antennas
	Multibeam Antennas
	Beamforming Antennas
	Small Cell Antennas
	High Efficiency BSA (PROTREETM)
	5G Massive MIMO Antennas
	Camouflage Products
Network Systems	Combiner Unit
	Master Unit
	Extended Unit
	Low Power Remote Unit (LPRU)
	High Power Remote Unit (HPRU)-Cabinet 4G
	High Power Remote Unit (HPRU)-Cabinet 5G
	High Power Remote Unit (HPRU)-Blade 4G
	High Power Remote Unit (HPRU)-Blade 5G
	Medium Power Remote Unit (MPRU)
	Passive DAS Components
Microwave Products	Class 3 Series
	Class 4 Series
	E-Band Series
	Dual-Band Series
	Microwave Components
O-RAN Radios	ORAN Radio Unit (ORU)
	Digital Control Unit (DCU)
	Small Cell
Archer Site Accessories	RF Coaxial Products
	Power Products
	Fiber Products
	Installation Material
Filter Solutions	Interference Mitigation Filters
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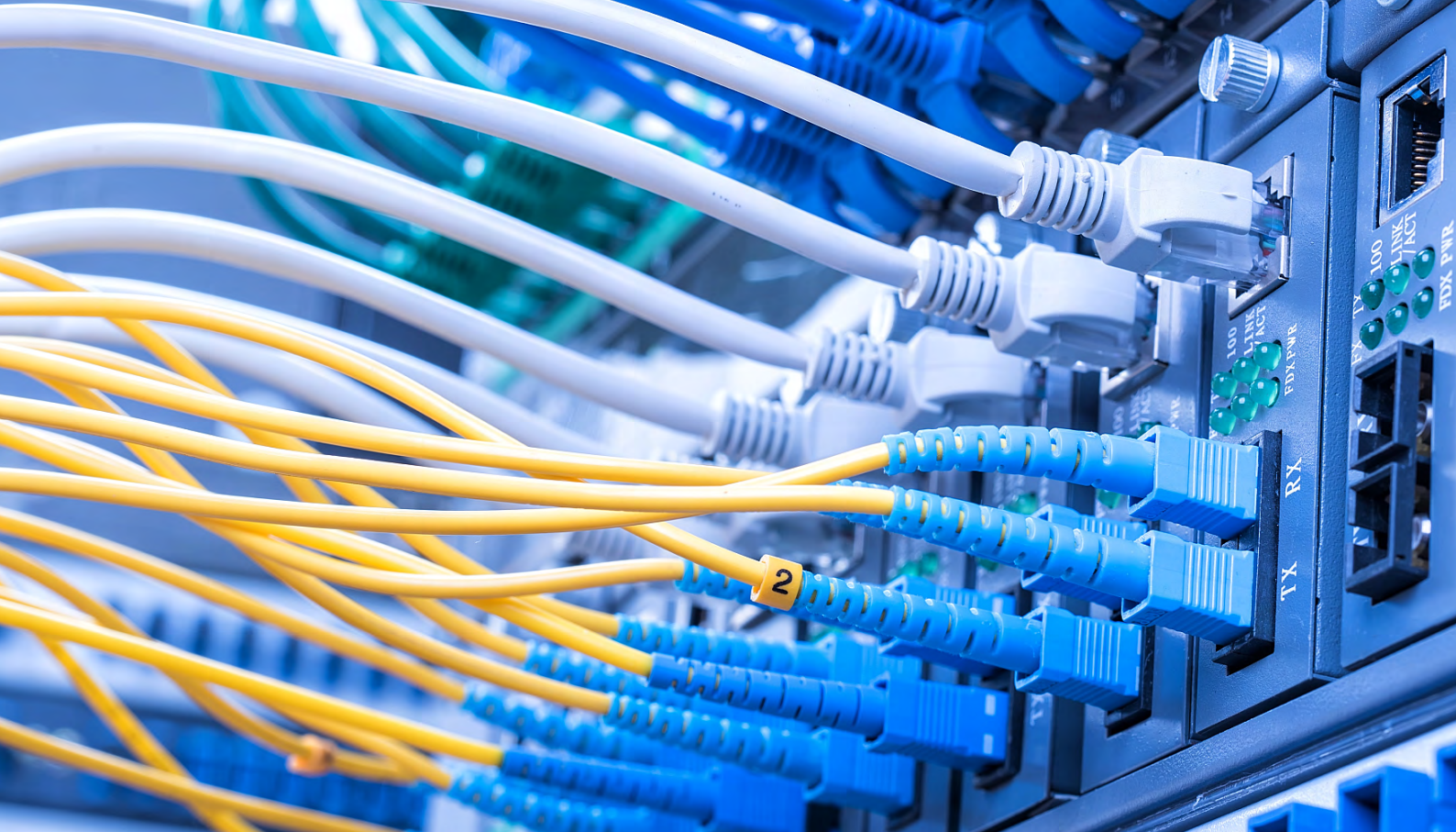
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Copper Cabling System Solution

- PROSE copper cabling solution covers Cat5e to Cat8, supporting shielded and unshielded, indoor and outdoor applications to meet diverse networking needs.
- The system uses standardized components, including copper cables, patch panels, RJ45 jacks, patch cords, and faceplates, ensuring efficient installation, maintenance, and expansion.
- Fully supporting PoE applications, it enables remote device power supply for enhanced deployment efficiency.
- With superior quality and performance, all products are certified by authoritative third-party organizations, ensuring high-speed and stable signal transmission for a reliable structured cabling foundation.

Copper Cable

Features

- PROSE can provide a full range of twisted pair copper cables, from Cat5e to Cat8.
- Performance is excellent, far exceeds ANSI/TIA-568.2-D, IEC/ISO 11801 and other standards.
- Sheath material diversification, PVC, LSZH, CMR, CMP is optional.
- Indoor and outdoor optional.

Parameter Information

Category	Structure	Bandwidth	Environment	Outer Diameter (mm)	Conductor	Sheath	Color	Insulation Outer Diameter (mm)	Drawing of Structure
Cat8	S/FTP	2000M	Indoor	8.4	22AWG	PVC LSZH CM CMX CMR CMP LSZH-3 etc.	PVC: Blue LSZH: Orange Other colors can be customized	1.58±0.05	
Cat7A	S/FTP	1000M	Indoor	7.6	23AWG		PVC: Blue LSZH: Orange Other colors can be customized	1.33±0.05	
Cat7	S/FTP	600M	Indoor	7.6	23AWG			1.33±0.05	
Cat6A	S/FTP	500M	Indoor	7.5	23AWG			1.33±0.05	
	F/FTP		Indoor	7.5	23AWG			1.33±0.05	
	F/UTP		Indoor	7.4	23AWG		PVC: Blue LSZH: Orange Other colors can be customized	1.12±0.05 1.16±0.05	
	U/FTP		Indoor	7.3	23AWG			1.33±0.05	
	U/UTP		Indoor	7.3	23AWG			1.12±0.05 1.16±0.05	
Cat6	F/FTP	250M	Indoor	7.4	23AWG	PVC LSZH CM CMX CMR CMP LSZH-3 etc.	PVC: Blue LSZH: Orange Other colors can be customized	1.33±0.05	
	F/UTP			7.4	23AWG			1.12±0.05	
	U/UTP			6.2	23AWG			1.02±0.05	
	U/UTP			5.8	24AWG			0.95±0.05	
	U/UTP		outdoor	7.5	23AWG	PE	Black	1.02±0.05	
Cat5e	U/UTP	100M	Indoor	5	24AWG	PVC, LSZH, etc.	PVC: Blue LSZH: Orange Other colors can be customized	0.88±0.05	
	U/UTP	100M	outdoor	6.2	24AWG	PE	Black	0.87±0.05	

Naming Rule

Product Series	Category	-	Structure	Sheath	Pairs	-	Application Environment	Length	Color
CC: Copper Cable	30: Cat3	-	1: U/UTP 2: F/UTP 3: U/FTP 4: F/FTP 5: S/FTP	1: PVC CM 2: LSZH IEC60332-1 3: CMR 4: CMP 5: LSZH IEC60332-3A 6: LSZH IEC60332-3C 7: PE 8: PVC	1: 4 Pairs 2: 25 Pairs 3: 50 Pairs 4: 100 Pairs 5: 10 Pairs 6: 20 Pairs	-	1: Indoor 2: Outdoor	1: 305m 2: 500m 3: 1000m 4: 100m 5: 305m Box with drum	GY: Grey OR: Orange BL: Blue PL: Purple RD: Red GR: Green WH: White BK: Black
	50: Cat5								
	5E: Cat5e								
	60: Cat6 23AWG								
	6E: Cat6 24AWG								
	6A: Cat6A								
	70: Cat7								
	7A: Cat7A								
	81: Cat8.1								
	82: Cat8.2								

- Example:

Part Number	Description
CC5E-121-11OR	Cable, Cat5e, UTP, 24AWG, LSZH, Orange, 305m
CC60-111-11BL	Cable, Cat6, UTP, 23AWG, PVC CM, Blue, 305m
CC6A-111-11BL	Cable, Cat6A, UTP, 23AWG, PVC CM, Blue, 305m

Copper Patch Cord

Features

- Connector contacts are plated with gold of 50μ", minimizing contact resistance.
- Performance far exceeds ANSI/TIA-568.2-D standards.
- Different colors can be provided to distinguish different networks.
- Performance is excellent, passed the unit test.



Naming Rule

Product Series	Category	-	Structure	Sheath	Pairs	-	Conductor Type	Length	Color
CJ: Copper Jumper	30: Cat3	-	1: RJ45-RJ45 UTP 2: RJ45-RJ45 FTP 3: 110-110 UTP 4: 110-110 FTP 5: RJ11-RJ11 UTP 6: RJ11-RJ11 FTP 7: RJ45-RJ11 UTP 8: RJ45-RJ11 FTP 9: RJ45-RJ45 S/FTP	1: PVC CM 2: LSZH IEC60332-1 3: CMR 4: CMP 5: LSZH IEC60332-3A 6: LSZH IEC60332-3C 8: PVC	1: 4 Pairs 568A 2: 2 Pairs 4: 4 Pairs 568B	-	1: Stranded 24/26AWG 2: Solid 24/26AWG 3: Stranded 28AWG 4: Stranded 24/26AWG with Lock 5: Stranded 28AWG with Lock	1: 1m 2: 2m 3: 3m 4: 4m 5: 5m 6: 6m 7: 7m 8: 8m 9: 9m A: 10m H: 0.5m B: 15m C: 20m D: 25m	GY: Grey OR: Orange BL: Blue PL: Purple RD: Red GR: Green WH: White BK: Black YL: Yellow
	50: Cat5								
	5E: Cat5e								
	60: Cat6								
	6A: Cat6A								
	70: Cat7								
	7A: Cat7A								
	81: Cat8.1								
	82: Cat8.2								

- Example:

Part Number	Description
CJ6A-114-12GY	Copper Patch Cord, Cat6A, UTP, RJ45-RJ45, CM, Grey, 2m
CJ60-114-12GY	Copper Patch Cord, Cat6, UTP, RJ45-RJ45, CM, Grey, 2m
CJ5E-114-12GY	Copper Patch Cord, Cat5e, UTP, RJ45-RJ45, CM, Grey, 2m

1HU 48 Ports Modular Patch Panel

Features

- Meet and exceed the requirements of ANSI/TIA-568.2-D.
- With rear cable manager which ensures excellent bending performance of copper cable.
- High density with 1HU 48 ports.
- Compatible with various Keystone jack.



Ordering Information

Part Number	Description
CP00-121-1E	Patch Panel, 1U 48Port, Unshielded, Modular, Unloaded
CP00-221-1E	Patch Panel, 1U 48Port, Shielded, Modular, Unloaded

1HU 24 Ports Modular Patch Panel

Features

- Meet and exceed the requirements of ANSI/TIA-568.2-D.
- With rear cable manager which ensures excellent bending performance of copper cable.
- Structure of module removable from front side is optional, more conducive to construction and maintenance.
- Clear interface identification, easy operation.
- Compatible with various keystone jack.



Ordering Information

Part Number	Description
CP00-111-1E	Patch Panel, 1U 24 Port, Unshielded, Modular, Unloaded
CP00-211-1E	Patch Panel, 1U 24 Port, Shielded, Modular, Unloaded
CP00-112-1E	Patch Panel, 1U 24 Port, Unshielded, Modular, with Dust Cover, Unloaded
CP00-212-1E	Patch Panel, 1U 24 Port, Shielded, Modular, with Dust Cover, Unloaded

1HU 24 Ports Angled Modular Patch Panel

Features

- Meet and exceed the requirements of ANSI/TIA-568.2-D.
- With rear cable manager which ensures excellent bending performance of copper cable.
- Angled design allows patch cords to be lined from the side to save the space of cable management.
- Convenient and clear marking.
- Compatible with various keystone jack.



Ordering Information

Part Number	Description
CP00-111-2E	Patch Panel, 1U 24 Port, Angled, Unshielded, Modular, Unloaded
CP00-211-2E	Patch Panel, 1U 24 Port, Angled, shielded, Modular, Unloaded

IDC-type Copper Patch Panel

Features

- Meet and exceed the requirements of ANSI/TIA-568.2-D.
- High performance which can also ensure excellent short link performance based on unique design.
- Delivery includes installation accessories and labeling system.
- Both unshielded and shielded solutions are available.



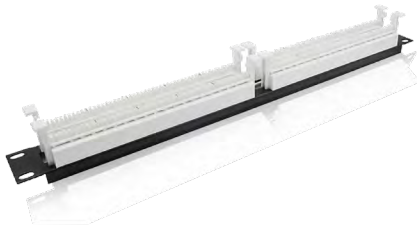
Ordering Information

Part Number	Description
CP6A-311-12	Patch Panel, IDC, Cat6A Unshielded, 1HU 24-port
CP6A-411-12	Patch Panel, IDC, Cat6A Shielded, 1HU 24-port
CP60-311-12	Patch Panel, IDC, Cat6 Unshielded, 1HU 24-port
CP60-411-12	Patch Panel, IDC, Cat6 Shielded, 1HU 24-port
CP5E-311-12	Patch Panel, IDC, Cat5e Unshielded, 1HU 24-port
CP5E-411-12	Patch Panel, IDC, Cat5e Shielded, 1HU 24-port

110 Voice Patch Panel

Features

- Meet and exceed the requirements of ANSI/TIA -568.2-D.
- Modular design enables easy expansion and reconfiguration.
- 50 pairs and 100 pairs are optional.



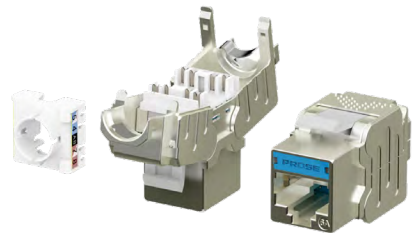
Ordering Information

Part Number	Description
CP30-341-11	Patch panel, 110 voice type, 50 pairs, 1HU, Rack-mounted
CP30-351-11	Patch panel, 110voice type, 100 pairs, 1HU, Rack-mounted

RJ45 Shielded Keystone Jack

Features

- Toolless design, convenient for installation and maintenance.
- Meet and exceed ANSI/TIA-568.2-D requirements.
- Outstanding performance, (including IR, NEXT, FEXT and RL), which ensure a high performance.
- Termination cover provides excellent strain relief, helps control cable bend radius and securely fixes cables.



Category	Bandwidth	Rated Voltage	Rated Current	Maximum Voltage	Contact Resistance	Insulation Resistance	Life (Plug In /Out)	IDC life
Cat8	2000M	125V	1.5AMP	1000V	≤ 20MΩ	≥ 100MΩ	≥ 1000times	≥ 300times
Cat6A	600M							
Cat6	250M							
Cat5e	100M							

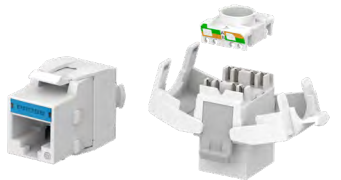
Ordering Information

Part Number	Description
KS82-221-1BL	Keystone Jack, RJ45, Cat8, Zinc Alloy Shielded, 180°, Toolless, Blue logo
KS6A-221-1BL	Keystone Jack, RJ45, Cat6A, Zinc Alloy Shielded, 180°, Toolless, Blue logo
KS60-221-1BL	Keystone Jack, RJ45, Cat6, Zine Alloy Shielded, 180°, Blue logo
KS5E-221-1BL	Keystone Jack, RJ45, Cat5e, Zinc Alloy Shielded, 180°, Toolless, Blue logo

RJ45 Unshielded Keystone Jack Toolless

Features

- Toolless design, convenient for installation and maintenance
- Meet and exceed ANSI/TIA-568.2-D requirements.
- Outstanding performance, (including IR, NEXT, FEXT and RL), which ensure a high performance.



Category	Bandwidth	Rated Voltage	Rated Current	Maximum Voltage	Contact Resistance	Insulation Resistance	Life (Plug In /Out)	IDC life
Cat6A	600M	125V	1.5AMP	1000V	≤ 20MΩ	≥ 100MΩ	≥ 1000times	≥ 250times
Cat6	250M							
Cat5e	100M							

Ordering Information

Part Number	Description
KS6A-121-1BL	Keystone Jack, RJ45, Cat6A, Unshielded, 180°, Toolless, Blue logo
KS60-121-1BL	Keystone Jack, RJ45, Cat6, Unshielded, 180°, Toolless, Blue logo
KS5E-121-1BL	Keystone Jack, RJ45, Cat5e, Unshielded, 180°, Toolless, Blue logo

RJ45 Unshielded Keystone Jack

Features

- Meet and exceed the requirement of ANSI/TIA-568.2-D.
- Outstanding performance, (including IR, NEXT, AXT, RL etc.), which ensure the high link performance.
- Rear cover shrapnel design, easy removal and maintenance.
- IDC contact material: Phosphor bronze with nickel plating.
- Housing material: PC UL94V-0.
- Pin material: Phosphor bronze with 50μ” gold plating.
- Wire: AWG 22 ~ 26.
- Logo color: Defaulted: blue, other colors are customizable.



Category	Bandwidth	Rated Voltage	Rated Current	Maximum Voltage	Contact Resistance	Insulation Resistance	Life (Plug In /Out)	IDC life
Cat6A	600M	125V	1.5AMP	1000V	≤ 20MΩ	≥ 100MΩ	≥ 1000times	≥ 250times
Cat6	250M							
Cat5e	100M							

Ordering Information

Part Number	Description
KS6A-111-1BL	Keystone Jack, RJ45, Cat6A, Unshielded, 180°, Blue logo
KS60-111-1BL	Keystone Jack, RJ45, Cat6, Unshielded, 180°, Blue logo
KS5E-111-1BL	Keystone Jack, RJ45, Cat5e, Unshielded, 180°, Blue logo
KS6A-111-2BL	Keystone Jack, RJ45, Cat6A, Unshielded, 90°, Blue logo
KS60-111-2BL	Keystone Jack, RJ45, Cat6, Unshielded, 90°, Blue logo
KS5E-111-2BL	Keystone Jack, RJ45, Cat5e, Unshielded, 90°, Blue logo

Cat3 Unshielded Keystone Jack

Features

- Meet and exceed ANSI/TIA-568.2-D requirements.
- Termination cover provides excellent strain relief, helps control cable bend radius and securely fixes wires.



Ordering Information

Part Number	Description
KS30-111-2WH	Keystone Jack, RJ11, Cat3, Unshielded, 90°, White

86 Style Faceplate

Features

- Panel cover disassembly is convenient, without tools, convenient maintenance.
- High grade PC material, flame retardant, UV94 V-0 rated.
- Plane and angled types are optional.
- Provide 1 to 4 ports for plane type, each port with dust cover.
- Provide 1 to 2 ports for angled type.



Ordering Information

Part Number	Description
WF11-121-WH	Faceplate, Plane, Single Port, With Dust Cover, White
WF11-221-WH	Faceplate, Plane, Dual Port, With Dust Cover, White
WF11-421-WH	Faceplate, Plane, Four Port, With Dust Cover, White
WF12-121-WH	Faceplate, Angled, Singl Pport, With Dust Cover, White
WF12-221-WH	Faceplate, Angled, Dual Port, With Dust Cover, White

RJ45 & RJ11 Crystal Plug

Features

- Gold plating thickness is 50μ", ensuring excellent terminating performance.
- Meet and exceed ANSI/TIA-568.2-D requirements.
- Different colors can be customized.
- Shielded and unshielded are optional.



Ordering Information

Part Number	Description	Part Number	Description
PG30-11	RJ11 Plug, Cat3, Unshielded	PG5E-21	RJ45 Plug, Cat5e, Shielded
PG5E-11	RJ45 Plug, Cat5e, Unshielded	PG60-21	RJ45 Plug, Cat6, Shielded
PG60-11	RJ45 Plug, Cat6, Unshielded	PG6A-21	RJ45 Plug, Cat6A, Shielded
PG6A-11	RJ45 Plug, Cat6A, Unshielded		

Recommended Configuration

Recommended configuration of Cat6A S/FTP cabling systems:

Part Number	Description
CC6A-521-11OR	Cable, Cat6A, S/FTP, 23AWG, LSZH, Orange, 305m
CP00-211-1E	Patch Panel, Modular, Shielded, 1HU 24-port, Without Keystone
KS6A-221-1BL	Keystone Jack, RJ45, Cat6A, Zinc Alloy Shielded, 180°, Toolless, Blue Logo
CJ6A-924-13GY	Patch Cord, Cat6A, RJ45-RJ45, S/FTP, LSZH, Grey, 3m

Recommended configuration of Cat6A UTP cabling systems:

Part Number	Description
CC6A-121-11OR	Cable, Cat6A, UTP, 23AWG, LSZH, Orange, 305m
CP00-111-1E	Patch Panel, Modular, Unshielded, 1HU 24-port, Without Keystone
KS6A-111-1BL	Keystone Jack, RJ45, Cat6A, Unshielded, 180°, Blue Logo
CJ6A-124-13GY	Patch Cord, Cat6A, RJ45-RJ45, UTP, PVC CM, Grey, 3m

Recommended configuration of Cat6 F/UTP cabling systems:

Part Number	Description
CC60-221-11OR	Cable, Cat6, F/UTP, 23AWG, LSZH, Orange, 305m
CP00-211-1E	Patch Panel, Modular, Shielded, 1HU 24-port, Without Keystone
KS60-221-1BL	Keystone Jack, RJ45, Cat6, Zinc Alloy Shielded, 180°, Toolless, Blue Logo
CJ60-224-13GY	Patch Cord, Cat6, RJ45-RJ45, FTP, LSZH, Grey, 3m

Recommended configuration of Cat6 UTP cabling systems:

Part Number	Description
CC60-121-11OR	Cable, Cat6, UTP, 23AWG, LSZH, Orange, 305m
CP00-111-1E	Patch Panel, Modular, Unshielded, 1HU 24-port, Without Keystone
KS60-111-1BL	Keystone Jack, RJ45, Cat6, Unshielded, 180°, Blue Logo
CJ60-124-13GY	Patch Cord, Cat6, RJ45-RJ45, UTP, PVC CM, Grey, 3m

Recommended configuration of Cat5e F/UTP cabling systems:

Part Number	Description
CC5E-221-11OR	Cable, Cat5e, F/UTP, 23AWG, LSZH, Orange, 305m
CP00-211-1E	Patch Panel, Modular, Shielded, 1HU 24-port, Without Keystone
KS5E-221-1BL	Keystone Jack, RJ45, Cat5e, Zinc Alloy Shielded, 180°, Toolless, Blue Logo
CJ5E-224-13GY	Patch Cord, Cat5e, RJ45-RJ45, FTP, LSZH, Grey, 3m

Recommended configuration of Cat5e UTP cabling systems:

Part Number	Description
CC5E-121-11OR	Cable, Cat5e, UTP, 23AWG, LSZH, Orange, 305m
CP00-111-1E	Patch Panel, Modular, Unshielded, 1HU 24-port, Without Keystone
KS5E-111-1BL	Keystone Jack, RJ45, Cat5e, Unshielded, 180°, Blue Logo
CJ5E-124-13GY	Patch Cord, Cat5e, RJ45-RJ45, UTP, PVC CM, Grey, 3m



Optic Fiber Cabling System Solution

- The optical fiber cabling system mainly consists of fiber optic cables, fiber optic patch panels, fiber optic adapters, and fiber optic patch cords/pigtails.
- PROSE offers a full range of products, covering single-mode and multi-mode, metal armored and non-metal armored, for both indoor and outdoor applications, meeting diverse market needs. The solution is flexible and reliable, addressing customer requirements across various scenarios.
- PROSE provides clients with structured cabling solutions that are open and flexible. Standardized cables, connectors, and modules are used throughout the system, making installation, maintenance, and expansion highly efficient and convenient.
- With outstanding quality and performance, all products are certified by authoritative third-party organizations, exceeding domestic and international standards, and ensuring a solid foundation for high-speed and stable signal transmission.

Indoor Tight-buffered Distribution Fiber Optic Cable



Technical Parameters

Fiber Count	Cable Diameter (mm)	Weight (kg/km)	Min Bend Radius Installing (mm)	Min Bend Radius Maintaining (mm)	Max Loading (N)	Crush (N/cm)
2	4.0	14	80	40	660	100
4	4.8	20	96	48	660	100
6	5.1	23	102	51	660	100
8	5.6	30.8	112	56	660	100
12	6.2	37	124	62	660	100
24	8.1	59.9	162	81	660	100
24(Stranded)	12.3	131	246	123	660	100

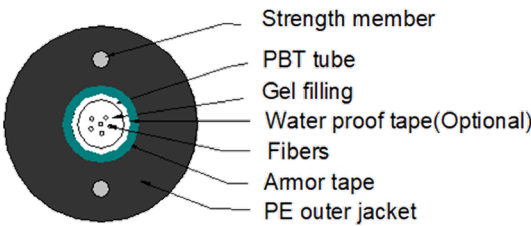
Naming Rule

Fiber Optic Cable Category	-	Fiber Type	Outer Sheath Material	Fiber Count
FC01: Indoor, tight buffered FC02: Indoor, tight buffered, stranded	-	GD: G652D M2: OM2 M3: OM3 M4: OM4 M5: OM5	1: OFNR 2: LSZH 60332-1 4: OFNP 5: LSZH 60332-3A 6: LSZH 60332-3C	002: 2F 012: 12F 024: 24F 144: 144F

• Example:

Part Number	Fiber Count	Description
FC01-GD1012	12	Cable, Indoor, Tight Buffer Distribution Cable,12F, G652D, OFNR
FC01-M31012	12	Cable, Indoor, Tight Buffer Distribution Cable,12F, OM3, OFNR
FC01-M32024	24	Cable, Indoor, Tight Buffer Distribution Cable,24F, OM3, LSZH

Outdoor Fiber Optic Cable GYXTW



Technical Parameters

Fiber Count	Cable Diameter (mm)	Weight (kg/km)	Min Bend Radius Installing (mm)	Min Bend Radius Maintaining (mm)	Tensile Strength (N)	Crush (N/cm)
4	8.9	100	20D	10D	1500	1000
6	8.9	100	20D	10D	1500	1000
8	8.9	100	20D	10D	1500	1000
12	8.9	100	20D	10D	1500	1000
18	9.5	100	20D	10D	1500	1000
24	9.5	100	20D	10D	1500	1000

Naming Rule

Fiber Optic Cable Category	-	Fiber Type	Outer Sheath Material	Fiber Count
FC03: Outdoor, GYXTW	-	GD: G652D M2: OM2 M3: OM3 M4: OM4 M5: OM5	1: OFNR 2: LSZH 60332-1 3: PE	002: 2F 012: 12F 024: 24F

• Example:

Part Number	Fiber Count	Description
FC03-GD3002	2	Cable, Outdoor, GYXTW, 2F, G652D, PE
FC03-M33004	4	Cable, Outdoor, GYXTW, 4F, OM3, PE

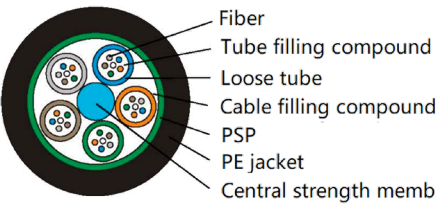
Outdoor Fiber Optic Cable GYTS

Technical Parameters

Fiber Count	Cable Diameter (mm)	Weight (kg/km)	Min Bend Radius Installing (mm)	Min Bend Radius Maintaining (mm)	Tensile Strength (N)	Crush (N/cm)
4	8.9	100	20D	10D	1500	1000
6	8.9	100	20D	10D	1500	1000
8	8.9	100	20D	10D	1500	1000
12	8.9	100	20D	10D	1500	1000
18	9.5	100	20D	10D	1500	1000
24	9.5	100	20D	10D	1500	1000
30	9.5	100	20D	10D	1500	1000
36	9.8	110	20D	10D	1500	1000
48	11.0	136	20D	10D	1500	1000
60	11.0	136	20D	10D	1500	1000
72	12.0	155	20D	10D	3000	1000
96	13.6	192	20D	10D	3000	1000
144	16.9	277	20D	10D	3000	1000

Ordering Information

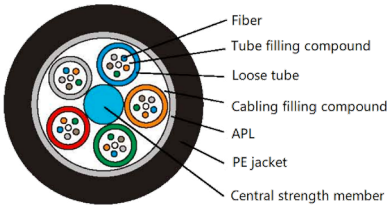
Fiber Optic Cable Category	-	Fiber Type	Outer Sheath Material	Fiber Count
FC04: Outdoor, GYTS	-	GD: G652D M2: OM2 M3: OM3 M4: OM4 M5: OM5	1: OFNR 2: LSZH 60332-1 3: PE	002: 2F 012: 12F 024: 24F 144: 144F



Outdoor Fiber Optic Cable GYTA

Technical Parameters

Fiber Count	Cable Diameter (mm)	Weight (kg/km)	Min Bend Radius Installing (mm)	Min Bend Radius Maintaining (mm)	Tensile Strength (N)	Crush (N/cm)
4	8.9	100	20D	10D	1500	1000
6	8.9	100	20D	10D	1500	1000
8	8.9	100	20D	10D	1500	1000
12	8.9	100	20D	10D	1500	1000
18	9.5	100	20D	10D	1500	1000
24	9.5	100	20D	10D	1500	1000
30	9.5	100	20D	10D	1500	1000
36	9.8	110	20D	10D	1500	1000
48	11.0	136	20D	10D	1500	1000
60	11.0	136	20D	10D	1500	1000
72	12.0	155	20D	10D	3000	1000
96	13.6	192	20D	10D	3000	1000
144	16.9	277	20D	10D	3000	1000



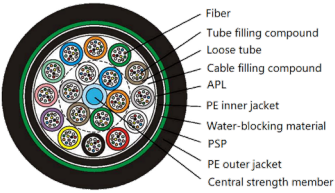
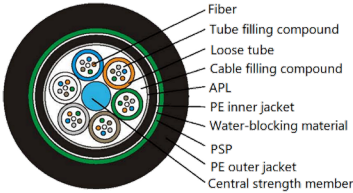
Ordering Information

Fiber Optic Cable Category	-	Fiber Type	Outer Sheath Material	Fiber Count
FC05: Outdoor, GYTA	-	GD: G652D M2: OM2 M3: OM3 M4: OM4 M5: OM5	1: OFNR 2: LSZH 60332-1 3: PE	002: 2F 012: 12F 024: 24F 144: 144F

Outdoor Fiber Optic Cable GYTA53

Technical Parameters

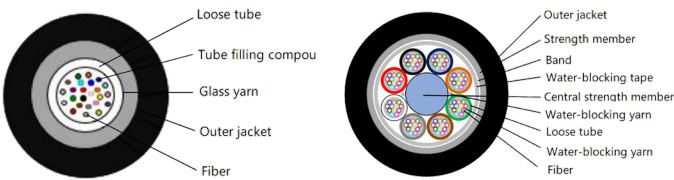
Fiber Count		2~48	50~72	74~84	86~96	98~108	110~120	122~132	134~144
Cable diameter nominal (mm)		17.8	17.8	18.6	19.6	20.4	21.2	22.0	22.9
Cable weight approx. (kg/km)		280	290	300	310	330	350	380	410
Fiber color		Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua							
Min. bending radius	Short term	25 times cable O.D							
	Long term	12.5 times cable O.D							
Tensile strength	Short term	≥ 3000 N							
	Long term	≥ 1000 N							
Crush resistance	Short term	≥ 3000 N/10cm							
	Long term	≥ 1000 N/10cm							
Operation temperature		-40°C~+70°C							
Storage temperature		-40°C~+70°C							
Installation temperature		-20°C~+70°C							



Ordering Information

Fiber Optic Cable Category	-	Fiber Type	Outer Sheath Material	Fiber Count
FC06: Outdoor, GYTA53	-	GD: G652D M2: OM2 M3: OM3 M4: OM4 M5: OM5	1: OFNR 2: LSZH 60332-1 3: PE	002: 2F 012: 12F 024: 24F 144: 144F

Outdoor Non-Metallic Armored Cable



Technical Parameters

Fiber Count		2~12 (Central Loose Tube)	14~24 (Central Loose Tube)	36~72 (Stranded)	96 (Stranded)
Cable diameter nominal (mm)		6.6	7.1	10	11.3
Cable weight approx. (kg/km)		40	47	115	154
Fiber color		Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua			
Min. bending radius	Short term	25 times cable O.D			
	Long term	12.5 times cable O.D			
Tensile strength	Short term	≥ 1000 N			
	Long term	≥ 400 N			
Crush resistance	Short term	≥ 3000 N /100mm			
	Long term	≥ 1000 N /100mm			
Operation temperature		-40°C~+70°C			
Storage temperature		-40°C~+70°C			
Installation temperature		-20°C~+70°C			

Naming Rule

Fiber Optic Cable Category	-	Fiber Type	Outer Sheath Material	Fiber Count
FC07: Outdoor, Central Loose Tube FC08: Outdoor, Stranded	-	GD: G652D M2: OM2 M3: OM3 M4: OM4 M5: OM5	1: OFNR 2: LSZH 60332-1 3: PE	002: 2F 012: 12F 024: 24F 144: 144F

Indoor Fiber Optic Trunk Cable

Features

- Support fiber count ranging from 4 to 144 for high-density application.
- G652D,OM3, OM4 and OM5 fiber type are available for different requirements.
- Without a single splicing point in the entire trunk cable, each fiber connector is tested in factory for transmission and connectivity performance to ensure minimal insertion loss.
- PVC, OFNR, OFNP or LSZH rated outer sheath cables are available.



Naming Rule

Category	Fiber Type	-	Fiber Count	Connector L	Connector R	Outer Sheath	-	Polarity	Length
FT: Fiber Trunk	GD: G652D A1: G657A1 A2: G657A2 B2: G657B2 B3: G657B3 M2: OM2 M3: OM3 M4: OM4 M5: OM5	-	01: 1F 02: 2F 04: 4F 06: 6F 08: 8F 12: 12F 144: 144F	LC: LC UPC SC: SC UPC FC: FC UPC ST: ST UPC MM: MPO Male MF: MPO Female TM: MTP Male TF: MTP Female LA: LC/APC SA: SC/APC FA: FC/APC	LC: LC UPC SC: SC UPC FC: FC UPC ST: ST UPC MM: MPO Male MF: MPO Female TM: MTP Male TF: MTP Female LA: LC/APC SA: SC/APC FA: FC/APC	1: PVC 2: LSZH 3: OFNR 4: OFNP 5: LSZH 60332-3C	-	A: Type A B: Type B C: Type C	001: 1m 010: 10m 100: 100m

Fiber Optic Patch Panel, High Density, 96F/1HU

Features

- Drawer-type design, installation and maintenance can be more convenient and time-saving.
- A variety of cassettes and adapter panels are provided to meet various requirements.
- The front panel can be inverted to facilitate Cabling management.
- 1HU supports up to 96-core LC.
- With front cable management, saving space.
- Size: 482.6 × 255.9 × 1HU/2HU/3HU



Ordering Information

Part Number	Description
FPH1-096-2	Fiber Optic Patch Panel, High Density, 96F, 1HU, Without Cassette
FPH2-096-2	Fiber Optic Patch Panel, High Density, 192F, 2HU, Without Cassette
FPH3-096-2	Fiber Optic Patch Panel, High Density, 288F, 3HU, Without Cassette

Fiber Optic Patch Panel, High Density, 144F/1HU

Features

- Drawer-type design, installation and maintenance can be more convenient and time-saving.
- A variety of cassettes and adapter panels are provided to meet various requirements.
- The front panel is reversible to facilitate cable management.
- 1HU supports up to 96-core LC.
- With front cable management, saving space.
- Size: 482.6 × 384 × 1HU/2HU/4HU



Ordering Information

Part Number	Description
FPH1-144-2	Fiber Optic Patch Panel, High Density, 144F, 1HU, Without Cassette
FPH2-144-2	Fiber Optic Patch Panel, High Density, 288F, 2HU, Without Cassette
FPH4-144-2	Fiber Optic Patch Panel, High Density, 576F, 4HU, Without Cassette

Cassette, for Patch Panel 96F/1HU

Features

- 8F, 12F and 24F cassettes are optional.
- Polarity A, B, C and G are optional.
- High quality MTP/MPO connectors for stable performance and low loss.
- Clamp-type installation, making it easy to plug in and out, convenient to install and maintenance.



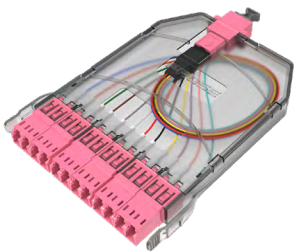
Ordering Information

Part Number	Description
OC24-SMMF1-G	Cassette, 24F, MPO(F)-LC, SM, General Polarity
OC24-M3MF1-G	Cassette, 24F, MPO(F)-LC, OM3, General Polarity
OC24-M4MF1-G	Cassette, 24F, MPO(F)-LC, OM4, General Polarity

Cassette, for Patch Panel 144F/1HU

Features

- 8F and 12F cassettes are optional.
- Polarity A, B, C and G are optional.
- High quality MTP/MPO connectors for stable performance and low loss.
- Clamp-type installation, making it easy to plug in and out, convenient to install and maintenance.



Ordering Information

Part Number	Description
OC12-SMMF1-G	Cassette, 12F, MPO(F)-LC, SM, General Polarity
OC12-M3MF1-G	Cassette, 12F, MPO(F)-LC, OM3, General Polarity
OC12-M4MF1-G	Cassette, 12F, MPO(F)-LC, OM4, General Polarity

Fiber Optic Patch Panel

Features

- With front cable management, saving space for customer.
- Flexible cable entry, side or back way is optional.
- The front cover can be flexibly removed, making the appearance neat and generous.
- The 1HU fiber optic patch panel is compatible with various optical fiber adapters such as LC, SC, ST, etc.
- It has enough space to ensure the winding, fixing and connecting of fiber optic cable, with manager and fixed accessories.



Fiber Optic Patch Panel, Fixed Splice Size: 482.6 × 325 × 44.5mm



Fiber Optic Patch Panel, Sliding Splice Size: 482.6 × 327 × 44.5mm

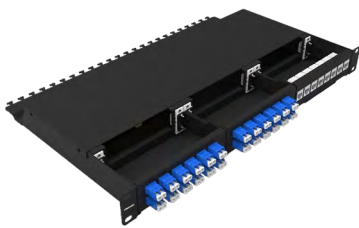
Naming Rule

Category	Height	-	Port	Port Type	-	Adapter	Fiber Type	Pigtail
FP1: Fiber Optic Patch Panel, Fixed Splice	1: 1U 2: 2U 3: 3U 4: 4U	-	12: 1U 12 Port (24LC) 24: 1U 24 Port (48LC) 48: 1U 48 Port	1: Square (LCD/SC) 2: Round (FC/ST) 3: SCD	-	E: Empty(Without Adapter & Pigtail) LC: LC UPC SC: SC UPC FC: FC UPC ST: ST UPC PA: MPO Type A TA: MTP Type A PB: MPO Type B TB: MTP Type B LA: LC APC SA: SC APC	Empty: Empty Panel GD: G652D A1: G657A1 A2: G657A2 B2: G657B2 B3: G657B3 M2: OM2 M3: OM3 M4: OM4 M5: OM5	Empty: Empty Panel 1: With Pigtail
FP2: Fiber Optic Patch Panel, Sliding Splice								

Hybrid Patch Panel

Features

- Hybrid type panel is suitable for both fiber and copper solutions.
- Support both trunk cable and splicing solution for fiber applications.
- Every kind of PROSE keystone and fiber adapters can be installed into modules.
- Maximum of three modules can be installed into one 1HU patch panel, up to 72 fibers with LC connector or 24 copper connections.



Ordering Information

Part Number	Description
Patch Panel	
HPP1-1E	Hybrid Modular Patch Panel, 1HU, Unloaded
Accessories Information	
Copper Modules	
HPMC-E2	RJ type copper module plate without RJ45 module for hybrid panel
HPMC-08EU	8 port C5e module with 8Pcs UTP keystone jack for hybrid panel
HPMC-086U	8 port C6 module with 8Pcs UTP keystone jack for hybrid panel
HPMC-08AU	8 port C6A module with 8Pcs UTP keystone jack for hybrid panel
Fiber Optic Modules	
HPMF-24SM	24F LC 9/125u SM module with 12Pcs adapter for hybrid panel
HPMF-24M3	24F LC 50/125u OM3 module with 12Pcs adapter for hybrid panel
HPMF-12SM	12F LC 9/125u G652D module with 6Pcs adapter for hybrid panel
HPMF-12M3	12F LC 50/125u OM3 module with 6Pcs adapter for hybrid panel
Fiber Optic Module Plates	
HPMF-E1	LC type fiber module plate without LC adapter for hybrid panel

Fiber Optic Patch Cord / Pigtail

Features

- Supports single-mode and multi-mode fiber types, including OM2, OM3, OM4, and more.
- Offers various outer sheath materials: PVC, LSZH, OFNR, OFNP, etc.
- Complies with ISO/IEC 11801 and ANSI/TIA 568.3-E standards.
- Each product undergoes 100% testing before delivery, with test reports included.
- Typical attenuation as low as 0.10 dB.
- Individually packaged with unique serial number labels for full traceability.
- Customizable lengths available.



Naming Rule

Patch Cord /Pigtail	Fiber Type	-	Fiber Count	Connector L	Connector R	Cable Structure	Outer Sheath	-	Length
FJ: Fiber Jumper	GD: G652D A1: G657A1 A2: G657A2 B2: G657B2 B3: G657B3 M2: OM2 M3: OM3 M4: OM4 M5: OM5	-	01: 1F 02: 2F 04: 4F 06: 6F 08: 8F 12: 12F	LC: LC UPC SC: SC UPC FC: FC UPC ST: ST UPC MM: MPO Male MF: MPO Female TM: MTP Male TF: MTP Female LA: LC/APC SA: SC/APC FA: FC/APC	00: Blank, For Pigtail LC: LC UPC SC: SC UPC SC: SC UPC FC: FC UPC ST: ST UPC MM: MPO Male MF: MPO Female TM: MTP Male TF: MTP Female LA: LC/APC SA: SC/APC FA: FC/APC	1: 0.9mm tight-buffered cable 2: 2.0mm 3: 3.0mm 4: 2.0mm	1: PVC 2: LSZH 3: OFNR 4: OFNP 5: LSZH 60332-3C	-	0005: 0.5m 0010: 1m 0100: 10m

Fiber Optic Adapter

Features

- Adapter housing material: Composite plastic or nickel-plated metal
- Repeatability: ΔIL ≤ 0.2dB
- Interchangeability: ΔIL ≤ 0.1dB
- Insertion times: ≥ 1000 times



Ordering Information

Part Number	Description
FASM-2LC	Fiber Adapter, LC Duplex, SM
FAM3-2LC	Fiber Adapter, LC Duplex, OM3
FAM4-2LC	Fiber Adapter, LC Duplex, OM4
FASM-2LA	Fiber Adapter, LC/APC Duplex, SM
FASM-1SC	Fiber Adapter, SC Simplex, SM
FAM3-1SC	Fiber Adapter, SC Simplex, OM3
FAM4-1SC	Fiber Adapter, SC Simplex, OM4
FASM-1SA	Fiber Adapter, SC/APC Simplex, SM
FASM-1PB	Fiber Adapter, MPO TypeB, SM,
FAM3-1PB	Fiber Adapter, MPO TypeB, OM3
FAM4-1PB	Fiber Adapter, MPO TypeB, OM4

Traceable Patch Cord

Applications

PROSE traceable patch cords integrate LED indicators into traditional patch cords to enable quick identification and traceability. Designed for structured cabling systems, they transmit voice, data, and video signals while supporting high-bandwidth applications. Maintenance personnel can easily locate specific cords among dense cabling, simplifying troubleshooting and reducing downtime. PROSE offers two variants: copper patch cords and optical patch cords.

Features

- Equipped with dual-color LED indicators; even if LEDs fail, link performance remains unaffected.
- Operates without external tools such as wire finders, power banks, or mobile devices.
- Simple positioning: insert the Type-C connector into one end, and LEDs on both ends flash simultaneously.
- Complies with IEC 61754-20, IEC 60332-1, and IEC 61034 standards.

Profile/Outline



Ordering Information

Part Number	Description
Optical Fiber Patch Cord	
TFJM3-02LCLC32-0010	Patch cord, Duplex, LC-LC, MM OM3, with LED, traceable, LSZH, 1m
TFJM3-02LCLC32-0030	Patch cord, Duplex, LC-LC, MM OM3, with LED, traceable, LSZH, 3m
TFJM3-02LCLC32-0050	Patch cord, Duplex, LC-LC, MM OM3, with LED, traceable, LSZH, 5m
TFJGD-02LCLC32-0010	Patch cord, Duplex, LC-LC, SM G652D, with LED, traceable, LSZH, 1m
TFJGD-02LCLC32-0030	Patch cord, Duplex, LC-LC, SM G652D, with LED, traceable, LSZH, 3m
TFJGD-02LCLC32-0050	Patch cord, Duplex, LC-LC, SM G652D, with LED, traceable, LSZH, 5m
Copper Patch Cord	
TCJ60-184-11GY	Patch Cord, Cat6 UTP, with LED, traceable, UTP, PVC, Grey, 1m
TCJ60-184-13GY	Patch Cord, Cat6 UTP, with LED, traceable, UTP, PVC, Grey, 3m
TCJ60-184-15GY	Patch Cord, Cat6 UTP, with LED, traceable, UTP, PVC, Grey, 5m
TCJ60-124-11OR	Patch Cord, Cat6 UTP, with LED, traceable, UTP, LSZH, Orange, 1m
TCJ60-124-13OR	Patch Cord, Cat6 UTP, with LED, traceable, UTP, LSZH, Orange, 3m
TCJ60-124-15OR	Patch Cord, Cat6 UTP, with LED, traceable, UTP, LSZH, Orange, 5m

Recommended Configuration

Recommended configuration of single-mode indoor fiber cabling system solutions:

Part Number	Description
FC01-GD2012	Cable, Indoor, Tight Buffer Distribution Cable, 12F, G652D, LSZH
FC01-GD2024	Cable, Indoor, Tight Buffer Distribution Cable, 24F, G652D, LSZH
FP11-241-E	Patch Panel, Fixed, 24-Port/1U, SC/LCD Type, Empty
FJGD-02LCLC42-0030	Patch cord, Duplex, LC-LC, G652D, 2 × 2.0mm, LSZH, 3m
FJGD-01LC0012-0010	Pigtail, LC, G652D, LSZH, 1m
FASM-2LC	Adapter, LC Duplex, SM

Recommended configuration of OM3 multi-mode indoor fiber cabling system solution:

Part Number	Description
FC01-M32012	Cable, Indoor, Tight Buffer Distribution Cable, 12F, OM3, LSZH
FC01-M32024	Cable, Indoor, Tight Buffer Distribution Cable, 24F, OM3, LSZH
FP11-241-E	Patch Panel, Fixed, 24-Port/1U, SC/LCD Type, Empty
FJM3-02LCLC42-0030	Patch cord, Duplex, LC-LC, OM3, 2 × 2.0mm, LSZH, 3m
FJM3-01LC0012-0010	Pigtail, LC, OM3, LSZH, 1m
FAM3-2LC	Adapter, LC Duplex, OM3

Recommended configuration of OM4 multi-mode indoor fiber cabling system solution:

Part Number	Description
FC01-M42012	Cable, Indoor, Tight Buffer Distribution Cable, 24F, OM4, LSZH
FC01-M42024	Cable, Indoor, Tight Buffer Distribution Cable, 24F, OM4, LSZH
FP11-241-E	Patch Panel, Fixed, 24-Port/1U, SC/LCD Type, Empty
FJM4-02LCLC42-0030	Patch cord, Duplex, LC-LC, OM4, 2 × 2.0mm, LSZH, 3m
FJM4-01LC0012-0010	Pigtail, LC, OM4, LSZH, 1m
FAM4-2LC	Adapter, LC Duplex, OM4



Intelligent Cabling System

- PROSE Intelligent Cabling System (ICS) provides centralized management for network cabling, enabling efficient organization and real-time monitoring of cable connections. This enhances network visibility, simplifies troubleshooting, and improves operational efficiency. Widely deployed in data centers, enterprises, and environments requiring advanced infrastructure management, ICS empowers administrators to remotely manage and configure connections. It also supports comprehensive asset management, covering cabling components such as patch panels and cabinets, as well as IT equipment like switches and servers.
- Proprietary communication protocol supports up to 1 km transmission distance and rapid detection of large port volumes within 2 seconds.
- Out-of-band monitoring links do not occupy production network ports, reducing switch port usage and enhancing network security.
- System components include Master Unit, Extension Unit, Copper Inter/Cross Scanner, Fiber Inter/Cross Scanner, and intelligent copper and fiber patch cords.

ICS Master Unit

Features

- Can connect 24 groups of expansion units, using ordinary 8-core twisted pair cable connection (RJ45 interface).
- Can collect the port information of each expansion unit and its subordinate scanning unit.
- Can analyze and process the information of each port of the distribution frame system in real time, including equipment status, jumper connection status, etc.
- Provide standard Ethernet network interface, using standard network cables, better stability and durability.



Ordering Information

Part Number	Description
NMU-G4-01	Master Unit, PROSE-IV Series, Without Software

ICS Extension Unit

Features

- Up to 24 electronic distribution frames can be connected and managed.
- The information, working status and physical address of each port of the distribution frame can be collected.
- The information of each port can be analyzed and uploaded to the management software in real time.
- Provide standard Ethernet network interface.
- Ordinary 8-core twisted pair cable connection (RJ45 port), no special cable.



Ordering Information

Part Number	Description
NEU-G4-01	Extension Unit, PROSE-IV Series, for Inter-connect and Cross-connect

ICS Copper Scanner Patch Panel

Features

- Support 24 replaceable RJ45 module ports at the height of 1U;
- Support Cat5, Cat5e, Cat6 and other shielded or non-shielded wiring system;
- The use of ordinary 8-pin standard RJ45 structure plus two copper needle structure;
- The rear with cable rack, convenient cable management;
- Each RJ45 port above the LED indicator light, used to guide the jumper;
- Support T568A and T568B connection mode.



Ordering Information

Part Number	Description
NCP60-111-113	Copper Scanner Patch Panel, Cat6, Unshielded, 1U 24P, 24 Module, for Inter-connection
NCP60-111-114	Copper Scanner Patch Panel, Cat6, Unshielded, 1U 24P, 24 Module, for Cross-connection

ICS Fiber Scanner Patch Panel

Features

- Support 24pcs replaceable fiber adapter at the height of 1U;
- Support single-mode or multi-mode fiber adapter;
- Standard optical fiber connector structure plus two copper needle structure;
- The removable top cover facilitates routine maintenance;
- Each port has an LED indicator to guide the connection and disconnection.



Ordering Information

Part Number	Description
NFP11-24I-LCGD13	Fiber Scanner Patch Panel, Fixed, 1U 24P, with SM LCD Adapter & Pigtail, for Inter-connection, Full Load
NFP11-24I-LCM313	Fiber Scanner Patch Panel, Fixed, 1U 24P, with OM3 LCD Adapter & Pigtail, for Inter-connection, Full Load
NFP11-24I-LCGD14	Fiber Scanner Patch Panel, Fixed, 1U 24P, with SM LCD Adapter & Pigtail, for Cross-connection, Full Load
NFP11-24I-LCM314	Fiber Scanner Patch Panel, Fixed, 1U 24P, with OM3 LCD Adapter & Pigtail, for Cross-connection, Full Load

ICS Intelligent Copper Patch Cord

Features

- Ordinary 8-pin standard RJ45 structure plus two Copper needle structure;
- Support Cat5e, Cat6, Cat6A and shielded or unshielded jumpers;
- Support any Cat5e, Cat6, Cat6A and shielded or unshielded RJ45 module.



Ordering Information

Part Number	Description
NCJ60-114-1HGY3	Copper Patch Cord, Inter-connection, Cat6, UTP, 24AWG, PVC, Grey, 0.5m
NCJ60-114-11GY3	Copper Patch Cord, Inter-connection, Cat6, UTP, 24AWG, PVC, Grey, 1m
NCJ60-114-12GY3	Copper Patch Cord, Inter-connection, Cat6, UTP, 24AWG, PVC, Grey, 2m
NCJ60-115-1HGY4	Copper Patch Cord, Cross-connection, Cat6, UTP, 24AWG, PVC, Grey, 0.5m
NCJ60-115-11GY4	Copper Patch Cord, Cross-connection, Cat6, UTP, 24AWG, PVC, Grey, 1m
NCJ60-115-12GY4	Copper Patch Cord, Cross-connection, Cat6, UTP, 24AWG, PVC, Grey, 2m

ICS Intelligent Fiber Patch Cord

Features

- Standard fiber optic connector structure and two copper needle;
- Support single-mode and multi-mode, length can be customized;
- Support LC duplex adapter and SC simplex adapter.



Ordering Information

Part Number	Description
NFJ-GD02LCLC623-0010	Fiber Patch cord, Duplex, LC-LC, SM G652D, LSZH, for Inter-connection, 1m
NFJ-M302LCLC623-0010	Fiber Patch cord, Duplex, LC-LC, MM OM3, LSZH, for Inter-connection, 1m
NFJ-M402LCLC623-0010	Fiber Patch cord, Duplex, LC-LC, MM OM4, LSZH, for Inter-connection, 1m
NFJ-GD02LCLC624-0010	Fiber Patch cord, Duplex, LC-LC, SM G652D, LSZH, for Cross-connection, 1m
NFJ-M302LCLC624-0010	Fiber Patch cord, Duplex, LC-LC, MM OM3, LSZH, for Cross-connection, 1m
NFJ-M402LCLC624-0010	Fiber Patch cord, Duplex, LC-LC, MM OM4, LSZH, for Cross-connection, 1m

ICS Software

Features

Port Detection and Management

- Supports up to 13,824 connection points with rapid 2-second port status detection.
- Real-time monitoring and fast fault diagnosis ensure precise fault localization and quick response.

Proprietary Technology and Patented Innovations

- Unique technological advantages and differentiated features deliver exceptional performance and stability.
- Provides reliable, customizable solutions to meet specific customer requirements and enhance competitiveness.

Three-Layer Architecture Design

- Composed of host, extension units, and scanning units, enabling flexible expansion and upgrades.
- Each host supports up to 24 extension units, and each extension unit can connect up to 24 scanning units, meeting diverse scale requirements.

Multiple Patch Panel Units

- Includes inter-connection and cross-connection copper patch panels, 48-core fiber patch panels, supporting various media connectivity needs.
- Flexible, adjustable design for quick configuration and efficient management.

High Level of Intelligence

- Enables remote configuration, monitoring, and management, supporting batch patching, fault localization, and remote control for improved efficiency.
- Intelligent recognition and batch patching simplify maintenance and reduce human error.



Ordering Information

Part Number	Description
ICS2-002-01	ICS software, for cabling management system, 1-2000 ports
ICS2-002-02	ICS software, for cabling management system, 2001-5000 ports
ICS2-002-03	ICS software, for cabling management system, over 5001 ports



Cabinet & PDU& Cable Management Panel

Comprehensive Accessory Solutions

PROSE provides a full range of supporting accessories, including wall-mounted cabinets, standard cabinets, PDUs, and cable management panels.

Server and Network Cabinets

Available in multiple configurations with flexible options for mechanical and intelligent locks. Cabinets feature a static load capacity of up to 2000 kg and meet seismic resistance standards rated 8–9, verified by authoritative third-party reports and certifications.

Power Distribution Units (PDU)

PROSE PDUs deliver reliable and manageable power distribution for critical IT equipment in racks and cabinets. Options include standard PDUs, intelligent PDUs, and monitoring-enabled intelligent PDUs to meet diverse customer requirements.

Cable Management Panels

Designed for efficient cable organization within server racks and network cabinets, these panels are essential for achieving professional data center management and streamlined operations.

Wall-mounted Cabinet

Application

PROSE wall-mounted cabinet is a compact product designed for fixed installation on walls, providing a secure and organized protective space for network gear, communication devices, and other IT equipment. It maximizes vertical space utilization, making it an ideal solution for space-constrained environments by balancing equipment protection with spatial economy.

Features

- Flexibly configure multiple sizes and components for different application requirements.
- The split frame structure is sturdy and reliable.
- Multiple wall-mounted installation methods, rotation, convenient operation.
- Built-in side door, tool-free installation and disassembly, optional lockable anti-disassembly design.
- The front door can be quickly disassembled and interchanged left and right without tools.
- The front door opens at an Angle of 180°, which is convenient for equipment installation and maintenance.

Profile/Outline



Wall-mounted Cabinet (Glass door)



Wall-mounted Cabinet (Mesh door)

Naming Rule

WRX0 - XX X XX - XXX - X X - X X XX
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

Category	① Height	② Width	③ Depth	④ Front Door	
WR60 WR80	04: 4U 06: 6U 09: 9U 12: 12U 15: 15U 18: 18U 22: 22U	6: 600mm 8: 800mm	45: 450mm 50: 500mm 55: 550mm 60: 600mm	SSR: Single & Steel & Round lock SGR: Single & Glass & Round lock SMR: Single & Mesh & Round lock SSH: Single & Steel & Handle Lock SGH: Single & Glass & Handle Lock SMH: Single & Mesh & Handle Lock SGY: Single & Glass & Silver Handle Lock& orange Decorative strip	
⑤ Side Door	⑥ PDU		⑦ Color	⑧ Packaging	⑨ Accessory
1: Toolless type& without lock 2: Screw fixed 3: Toolless & Round lock	0: Without 1: 6port UK13A with rocker switch 2: 6port EU10A with rocker switch 3: 6port Indian type D 16A with rocker switch 4: 6port New GB10A with rocker switch 5: 6port Universal 10A with rocker switch 6: 6port C13 with rocker switch 7: 6port C19 with rocker switch 8: 6port NEMA16A with rocker switch 9: 6port UK13A with 3m cable A: 4port UK13A each port with rocker switch		B: RAL9005(Black) G: RAL7035(Grey)	D: Detachable L: Integral	00: None 01: 1*Fixed Tray 02: 1 pair*Guide Rail AX: A is customized, X is followed by the customization serial number A1: 4*M12 adjustable feet & 4*2"heavy duty castor

Network / Server Cabinet

Application

PROSE Network /Server Cabinet is a standardized product specifically designed to manage IT equipment. PROSE provides many types of network cabinet, to meet the different needs of customers in cost, use space, portability and other aspects. It is not merely a physical shell but a critical piece of infrastructure that ensures the stability, reliability, and efficiency of network and server systems.

Features

- Flexibly configure multiple sizes and components for different application requirements.
- Welded frame, modular structure design, light weight, solid structure, flexible and versatile.
- Built-in side door, tool-free installation and disassembly, optional lockable anti-disassembly design.
- There are multiple grounding copper nails inside the cabinet, facilitating the grounding of the equipment.
- The front and rear doors can be quickly disassembled without tools and interchanged left and right.
- The opening Angle is 180°, which is convenient for equipment installation and maintenance.

Profile/Outline



Accessories



Naming Rule

NCAXX0/SCCXX0 - XX X XXX - XX XX X - X X X X X

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

Cabinet Type	① Height	② Width	③ Depth	④ Front Door
NCA50: Network Cabinet 50 series NCA80: Network Cabinet 80 series NCA100: Network Cabinet 100 series SCC120: Server Cabinet 120 series SCC150: Server Cabinet 150 series SCC220: Server Cabinet 220 series	22: 22U 27: 27U 32: 32U 37: 37U 42: 42U 47: 47U	6: 600mm 8: 800mm	060: 600mm 080: 800mm 090: 900mm 100: 1000mm 110: 1100mm 120: 1200mm	00: None SS: Single steel door SG: Single glass door SM: Single mesh door
⑤ Rear Door	⑥ Side Door	⑦ Fan	⑧ Packaging	⑨ Color
00: None SS: Single steel door SG: Single glass door SM: Single mesh door DS: Double steel door DG: Double glass DM: Double mesh door SV: Single Ventilated Glass Door SA: Single arc-shaped glass door DV: Double open flat vented rear door with MS818 handle lock	0: None 1: 1 side Standard (Toolless) type 2: 2 side Standard (Toolless) type 3: 1 side Standard(toolless) type with inner lock 4: 2 side Standard(toolless) type with inner lock 5: 1 side Screw fixed door 6: 2 side screw fixed door 7: 1 side mesh side door 8: 2 side mesh side door 9: 2side Standard(toolless) type with universal lock	0: None 2: 2pcs 4: 4pcs 6: 6pcs	D: Detachable I: Integral	B: RAL9005(Black) G: RAL7035(Grey)
⑩ PDU	⑪ Accessory			
0: Without 1: 6port UK13A with rocker switch 2: 6port EU10A with rocker switch 3: 6port Indian type D 16A with rocker switch 4: 6port New GB10A with rocker switch 5: 6port Universal 10A with rocker switch 6: 6port C13 with rocker switch 7: 6port C19 with rocker switch 8: 6port NEMA16A with rocker switch 9: 12port H Universal 13A with rocker switch	0: None 1: 1*Fixed Tray 2: 1pair*Guide Rail 3: 2*Fixed Tray 4: 2*Fixed Tray AX: A is customized, X is followed by the customization serial number			

Power Distribution Unit

Product Introduction

PROSE PDU (Power Distribution Unit) offers a wide range of specifications with diverse functions, installation methods, and plug combinations, providing reliable rack power distribution solutions for various power environments. PDU ensures that power distribution inside the cabinet is organized, safe, and professional, while simplifying power maintenance.

PROSE provides three series of PDU products: **Standard, Intelligent Basic, and Intelligent Monitoring.**

- **Standard Series:** An economical and practical multi-channel power solution with socket options such as GB1002, IEC320 C13, and IEC320 C19.
- **Intelligent Basic Series:** Supports remote monitoring of power bus parameters, including current and voltage.
- **Intelligent Monitoring Series:** Enables remote reading of bus current, individual channel current, and allows independent on/off control for each channel.

Application Scenarios:

PROSE PDU solutions are widely adopted across multiple industries:

- **Data Centers & Cloud Services:** Ensure stable power for high-density racks and critical servers, supporting real-time monitoring and remote control.
- **Telecommunications:** Provide reliable power distribution for network equipment in telecom rooms, reducing downtime and improving operational efficiency.
- **Finance & Banking:** Guarantee uninterrupted power for core IT systems, enhancing security and compliance.
- **Manufacturing & Industrial:** Support automated production lines and control systems with safe and efficient power management.

Outline



Basic type

The entry-level model delivers stable and reliable power with exceptional cost-effectiveness, offering users an immediate and high return on investment.

Input Monitored (RS485)

Provides local monitoring for customers and supports remote monitoring via the EMS system.

Input Monitored (Network)

Offers both local and remote master-level monitoring, seamlessly integrates with DCIM systems, supports master-slave cascading for up to 10 PDU groups, and can connect to temperature/humidity sensors for real-time cabinet climate monitoring.

Switched

Enables remote shutdown and reboot of every individual outlet, supports external sensors for temperature/humidity, smoke, water-leak and door-open/close signals, delivering full-spectrum data-hall management.

Performance

- Modular design for high compatibility and scalability.
- Diversified sockets to meet different standards and needs.
- Multiple power inputs including GB plug and industrial coupler.
- Overload protection to prevent short circuit and overload.
- Flexible installation for various environments.

Socket Type

GB1002 10A	GB1002 16A	IEC320 C13	IEC320 C19	USA 15A	USA 20A	GER 16A	UK 13A
							

Plug Type

GB1002 10A	GB1002 16A	IEC320 C14	IEC320 C20	IEC60309 16A/32A
				
GRE 16A	UK 13A	USA 15A	USA 20A	IEC60309 32A 380V 3P+N+E
				

Ordering Information

Part Number	PDU Type	Voltage/Amps	Plug	Outlet	Description
PU11-23013A-L06BH01	Basic	AC230V/13A	UK	(6) UK13	H PDU, input AC230V 13A, output UK13x6, 1 rocker switch, 2m, UK plug,
PU11-23016A-C06BH01	Basic	AC230V/16A	1P+N+E (IP44)	(6) C13	H PDU, input AC230V 16A, output C13x6, plug, 1 rocker switch, 2m, S+P IEC60309
PU11-23016A-C06BH02	Basic	AC230V/16A	1P+N+E (IP44)	(6) UK13	H PDU, input AC230V 16A, output UK13x6, plug, 1 rocker switch, 2m, S+P IEC60309
PU11-23016A-C06BH03	Basic	AC230V/16A	1P+N+E (IP44)	(6) GB1002	H PDU, input AC230V 16A, output GB1002 10Ax6, plug, 1 rocker switch, 2m, S+P IEC60309
PU11-23016A-C10BV01	Basic	AC230V/16A	1P+N+E (IP44)	(10) C13	V PDU, input AC230V 16A, output C13x10, plug, 1 rocker switch, 2m, S+P IEC60309
PU11-23016A-C10BV02	Basic	AC230V/16A	1P+N+E (IP44)	(10) C13	V PDU, input AC230V 16A, output C13x10, plug, hydraulic-magnetic cb, 2m, S+P IEC60309
PU11-23032A-C10BV01	Basic	AC230V/32A	1P+N+E (IP44)	(10) C13	V PDU, input AC230V 32A, output C13x10, plug, 1 rocker switch, 2m, S+P IEC60309
PU11-23032A-C10BV02	Basic	AC230V/32A	1P+N+E (IP44)	(10) C13	V PDU, input AC230V 32A, output C13x10, plug, hydraulic-magnetic cb, 2m, S+P IEC60309
PU11-23032A-C16BV01	Basic	AC230V/32A	1P+N+E (IP44)	(16) C13	V PDU, input AC230V 32A, output C13x16, plug, 1 rocker switch, 2m, S+P IEC60309
PU11-23032A-C24BV01	Basic	AC230V/32A	1P+N+E (IP44)	(20) C13 (4) C19	V PDU, input AC230V 32A, output C13x20+C19x4, plug, hydraulic-magnetic cb, 2m, S+P IEC60309
PU11-23032A-C24BV02	Basic	AC230V/32A	1P+N+E (IP44)	(24) C13	V PDU, input AC230V 32A, output C13x24, plug, hydraulic-magnetic cb, 2m, S+P IEC60309
PU21-23032A-C24BV01	485 Input-Metered	AC230V/32A	1P+N+E (IP44)	(24) C13	V 485 Input-Metered AC230V 32A, output C13x24, plug, hydraulic-magnetic cb, 2m, S+P IEC60309
PU21-23032A-C24BV02	485 Input-Metered	AC230V/32A	1P+N+E (IP44)	(20) C13 (4) C19	V 485 Input-Metered AC230V 32A, output C13x20+C19x4, plug, hydraulic-magnetic cb, 2m, S+P IEC60309
PU31-23032A-C24BV01	iPDU Input-Metered	AC230V/32A	1P+N+E (IP44)	(24) C13	iPDU Input-Metered AC230V 32A, output C13x24, plug, hydraulic-magnetic cb, 2m, S+P IEC60309
PU31-23032A-C24BV02	iPDU Input-Metered	AC230V/32A	1P+N+E (IP44)	(20) C13 (4) C19	iPDU Input-Metered AC230V 32A, output C13x20+C19x4, plug, hydraulic-magnetic cb, 2m, S+P IEC60309
PU41-23032A-C24BV01	iPDU Outlet-switch	AC230V/32A	1P+N+E (IP44)	(24) C13	iPDU Outlet-switch AC230V 32A, output C13x24, plug, hydraulic-magnetic cb, 2m, S+P IEC60309
PU41-23032A-C24BV02	iPDU Outlet-switch	AC230V/32A	1P+N+E (IP44)	(20) C13 (4) C19	iPDU Outlet-switch AC230V 32A, output C13x20+C19x4, plug, hydraulic-magnetic cb, 2m, S+P IEC60309

Cable Management Panel

Application

PROSE cable management panel is an accessory specifically designed for organizing cables within server racks and network cabinets. It can effectively guide, secure, and manage numerous data and power cables, transforming a chaotic cable space into an orderly, maintainable, and efficient system. It is an indispensable tool for achieving professional data center management.

Features

- Controls bend radius to prevent damage, extend cable life
- Makes cable path visible for easy tracing and troubleshooting
- Prevents accidental disconnection, avoids network outages
- Available in 1U/2U types, fits different rack layouts
- Creates clean, standardized rack interior

Profile/Outline



Standard Metal Type



Standard Plastic Type

Ordering Information

Part Number	Description
CM10-111-1U	Cable Management, Horizontal, 1U, Metal, Black
CM20-111-2U	Cable Management, Horizontal, 2U, Metal, Black
CM10-211-1U	Cable Management, Horizontal, 1U, ABS, Black



Raised Floor & Cable Raceway & Mesh Cable Tray & Marker Ball

Comprehensive Infrastructure Solutions

PROSE provides a complete range of infrastructure systems, including raised floors, cable raceways, mesh cable trays, and marker balls.

Anti-Static Raised Floor

PROSE anti-static flooring prevents electrostatic buildup, safeguarding data center equipment and cable management systems.

Cable Raceway

Modular in design, the PROSE optical fiber raceway offers fast, flexible, and comprehensive fiber protection for streamlined deployment.

Mesh Cable Tray

The PROSE open-mesh cable tray supports open, visible cable management with optimal ventilation, ideal for data center and industrial applications.

Buried Cable Marker Ball

Using low-frequency RFID technology, the PROSE Marker Ball enables precise location tracking and digital management of underground assets.

Raised Floor

Application

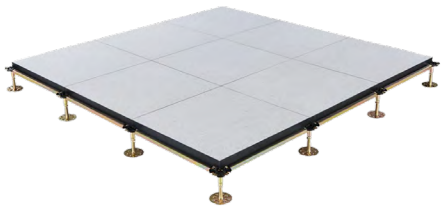
PROSE anti-static flooring, through scientific structural design, can effectively prevent the generation and accumulation of static electricity, providing crucial protection for sensitive electronic devices.

It has become an indispensable infrastructure in key places such as modern data centers. It can effectively protect servers, network switches, storage devices, etc. from damage caused by electrostatic discharge (ESD), ensuring data security and business continuity. The space under the floor can also serve as an efficient air conditioning supply channel and a cable management channel.

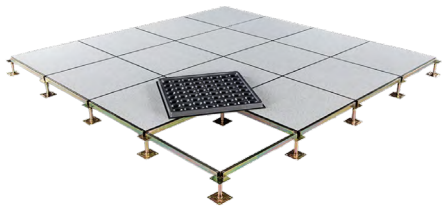
Features

- High load bearing, durable, corrosion-resistant for long life
- Raised structure for easy cable routing and future expansion
- Perforated panels enhance air flow for precision cooling
- Modular design for easy installation and individual panel access
- Sleek finish options blend with professional environments

Profile/Outline



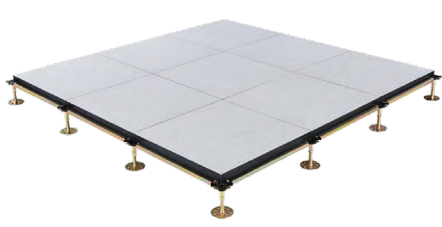
Calcium Sulphate Access Floor



Steel Cementitious Access Floor



Aluminum Air Flow Access Floor



Wood Core Access Floor

Ordering Information

Part Number	Description
RFR-CAF-111-SD11	Raised Floor, Calcium Sulphate solid, 600*600, T32, Standard, H300
RFR-ACF-111-SD11	Raised Floor, Aluminum air flow, 600*600, T32, Standard, H300
RFR-SCF-111-SD11	Raised Floor, Steel cementitious, 600*600, T32, Standard, H300
RFR-WCF-111-SD11	Raised Floor, Wood core, 600*600, T32, Standard, H300

Cable Raceway

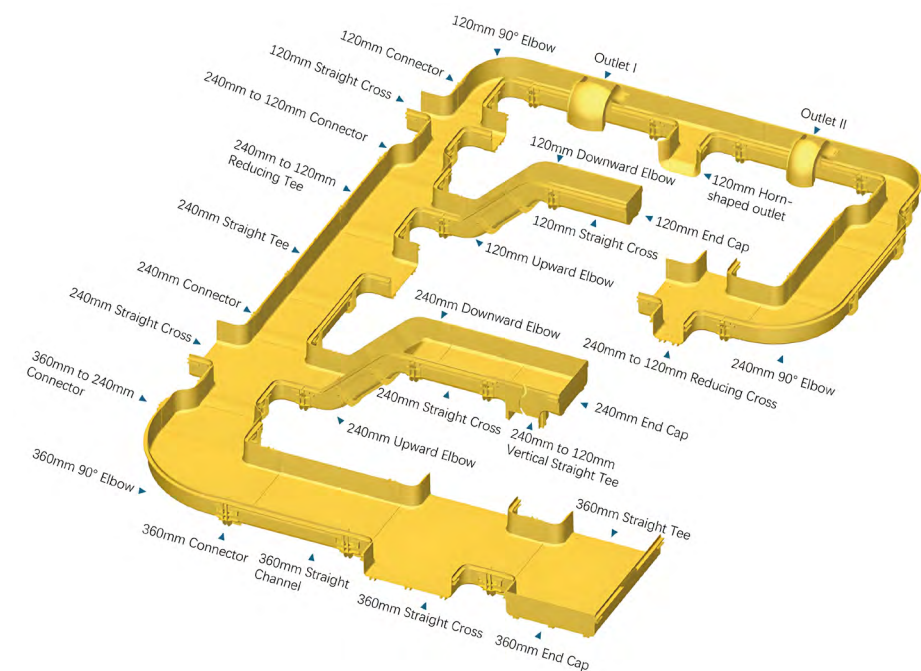
Application

PROSE optical fiber raceway is a set of products that can provide full protection for optical fibers and facilitate operation. The basic components include: channel body, connectors, horizontal elbows, vertical elbows, horizontal tees, horizontal crosses, vertical tees, adapters, terminal end caps, fiber outlets, bell mouths, and various support components. Featuring a standardized modular design with high engineering precision, it offers rapid, flexible, and comprehensive protection for optical fibers.

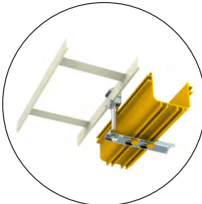
Features

- Innovative design, full arc dead angle protection fiber optic cable.
- Tool-free installation, barrier-free connection.
- Multiple fiber outlet specifications to meet fiber requirements in various locations.
- Powerful compatibility, worry-free expansion.
- UL94-V0 highest-level flame-retardant material.

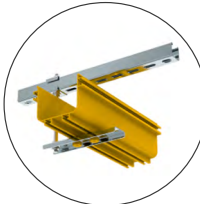
Profile/Outline



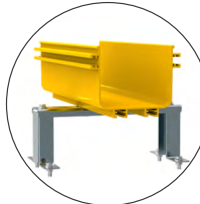
Side Support
(Aluminum Alloy)



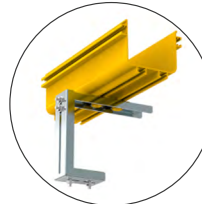
Side Support
(Steel Flat)



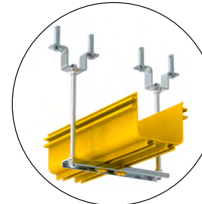
Side Support
(C-shaped Steel)



Top Support of the
Cabinet



Top Support of the
Cabinet (Adjustable)



Roof Suspension
Support

Naming Rule

Product Series	-	Product Type	-	Subdivision Type I	Subdivision Type II	-	Color	Material
CR06(60×60) CR12(120×100) CR24(240×100) CR36(360×100) CR60(600×100)	-	SD: Straight Duct	-	11: Straight Duct	0: Cover 1: Body	-	1: Yellow	1: ABS
	-	CO: Connector	-	21: A type Connector 22: B type Connector 23: C type Connector				
	-	CB: Corner Bend	-	31: 90 Deg horizontal Corner Bend 32: 45 Deg horizontal Corner Bend				
	-	TE: Tee	-	41: Horizontal Straight Tee 42: Horizontal Reducing Tee 43: Vertical Straight Tee				
	-	CR: Cross	-	51: Straight Cross				
	-	EC: End Cap	-	61: Standard End Cap				
	-	AE: Angle Elbow	-	71: 45 Deg Upward Elbow 72: 45 Deg Downward Elbow				
	-	WO: Waterfall Outlet	-	81: Horn-shaped Outlet 60mm 82: Horn-shaped Outlet 120mm 83: Horn-shaped Outlet 240mm 84: Downspout-shaped Outlet 60mm 85: Downspout-shaped Outlet 90mm 86: Downspout-shaped Outlet 120mm 87: Downspout-shaped Outlet 130mm				
	-	CT: Corrugated Tube	-	91: 50mm diameter 92: 90mm diameter				
	-	AD: Adapter	-	A1: 120mm to100mm A2: 120mm to 150mm A3: 240mm to 120mm A4: 240mm to 300mm A5: 360mm to 240mm A6: 600mm to 360mm				
CRAC: Accessories	-	SA: Supporting Assembly	-	11: Hanging support 12: Side support 13: Top support of the cabinet 14: Top support of the cabinet (adjustable)				
	-	SN: Screw and Nut	-	21: Round Plastic Screw 22: T-shaped Plastic Screw				

Product Series	-	Product Type	-	Subdivision Type I	Subdivision Type II	-	Adaptation	Material
CRAC: Accessories	-	SA: Supporting Assembly	-	11: Hanging support 12: Side support 13: Top support of the cabinet 14: Top support of the cabinet (adjustable)	1: Standard 2: Side support (aluminum alloy) 3: Side support (steel flat) 4: Side support (C-shaped steel)	-	1: 120mm series 2: 240mm series 3: 360mm series	1: Metal(EZ)
	-	SN: Screw and Nut	-	21: Round Plastic Screw 22: T-shaped Plastic Screw	1: with Nut	-	1: General	1: Plastic

Mesh Cable Tray

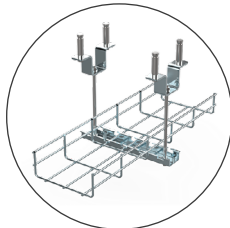
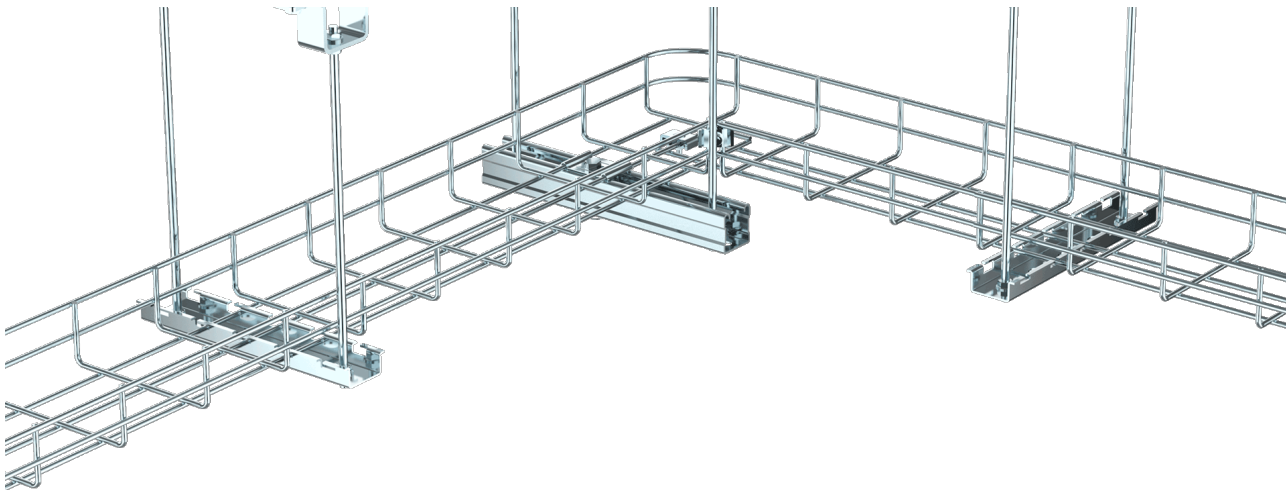
Application

PROSE Cable Tray is an open-style cable support system constructed from high-strength steel wires through precision welding. Its unique mesh design offers superior heat dissipation, a lightweight structure, and unparalleled flexibility. This product is engineered for the routing and management of various cables (including power, data, and fiber optic cables) in server racks of data centers, industrial plants, and commercial buildings. It enables open and visual cable management, allowing for quick installation, inspection, reconfiguration, and optimal cable ventilation from any angle, thereby significantly enhancing system reliability and reducing the total cost of ownership.

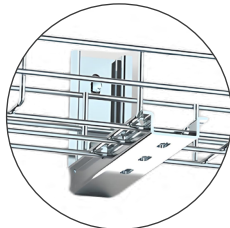
Features

- Good ventilation and heat dissipation performance.
- Allow flexible on-site production of elbows according to layout.
- Easy installation, labor-saving.
- Visual cable management.
- Achieving maximum load capacity with the least weight.
- Convenient equipment inspection and maintenance.

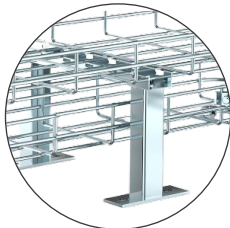
Profile/Outline



Hanging Bracket



Wall-mounted Bracket



Floor Bracket (Bridge-shaped)



Floor Bracket (V-shaped)

Naming Rule

Product Series (Width)	-	Product Type	-	Height	Steel Wire Diameter	-	Material
CT05 (50mm) CT10 (100mm) CT15 (150mm) CT20 (200mm) CT30 (300mm) CT40 (400mm) CT50 (500mm) CT60 (600mm)	-	U: U Type	-	03: 30mm 05: 50mm 10: 100mm 15: 150mm	4: 4mm 5: 5mm 6: 6mm	-	1: Q235 (EZ)
		T: T Type		05: 50mm 10: 100mm			
		G: G Type		05: 50mm 10: 100mm			
		M: M Type		10: 100mm			

Product Series	-	Product Type	-	Subdivision Type	Adaptation Width/Height	-	Material
CTAC: Accessories	-	CO: Connector	-	31: Snap-on assembly 32: Quick connection bar 33: L-shaped connector 34: Reinforcing strip component 35: Central snap-on assembly 36: Arc turn reinforcing bar assembly 37: Inner and outer bending reinforcing bar assembly 38: Unbolted snap 39: Grid partition	1: General	-	1: Metal (EZ)
		OU: Outlet		41: Grid outlet 42: Light-duty outlet 43: Conduit fixing plate 44: Outlet board	1: 100mm 2: 200mm 3: 300mm		
		CO: Cover		51: end cap 52: Cover Plate	1: 50mm 2: 100mm 3: 150mm 4: 200mm 5: 300mm 6: 400mm 7: 500mm 8: 600mm		
CTSA: Supporting Assembly		WB: Wall-mounted Bracket		61: L-shaped wall backing board 62: Triangular wall backrest 63: Multi-hole fixed plate 64: Cross fixing plate 65: Right-angle wall backing board	1: 100mm 2: 150mm 3: 200mm 4: 300mm 5: 400mm		
		HB: Hanging Bracket		71: C-purlin I 72: C-purlin II 73: M-purlin 74: Profile hanging assembly 75: Grid hook 76: Grid hanging assembly 77: Central snap 78: purlin end cap	1: 100mm 2: 200mm 3: 300mm 4: 400mm 5: 500mm 6: 600mm		
		FB: Floor Bracket		81: Bridge-shaped support assembly 82: Profile support assembly 83: V-shaped support assembly	1: 100mm 2: 200mm 3: 300mm 4: 400mm 5: 500mm 6: 600mm 7: 50mm (Height) 8: 100mm (Height) 9: 150mm (Height) A: 200mm (Height)		

Buried Cable Marker Ball

Application

PROSE Marker Ball electronic identifier uses low-frequency RFID identification technology, which is dormant when it is not working, and relies on external devices to provide energy to wake up when it is working. The identifier has a unique ID code as the identity of the buried underground facility. Accurately locate, find, identify and manage underground facilities, and help establish digital information data for underground facilities. The digital management of underground asset facilities is realized by means of underground electronic identification and software system.

Features

- Zero-power sleep, wakes on demand
- Unique ID for precise identification & location
- Digital lifecycle management & tracking
- Builds a digital database of underground assets
- Durable, reliable for harsh buried environments

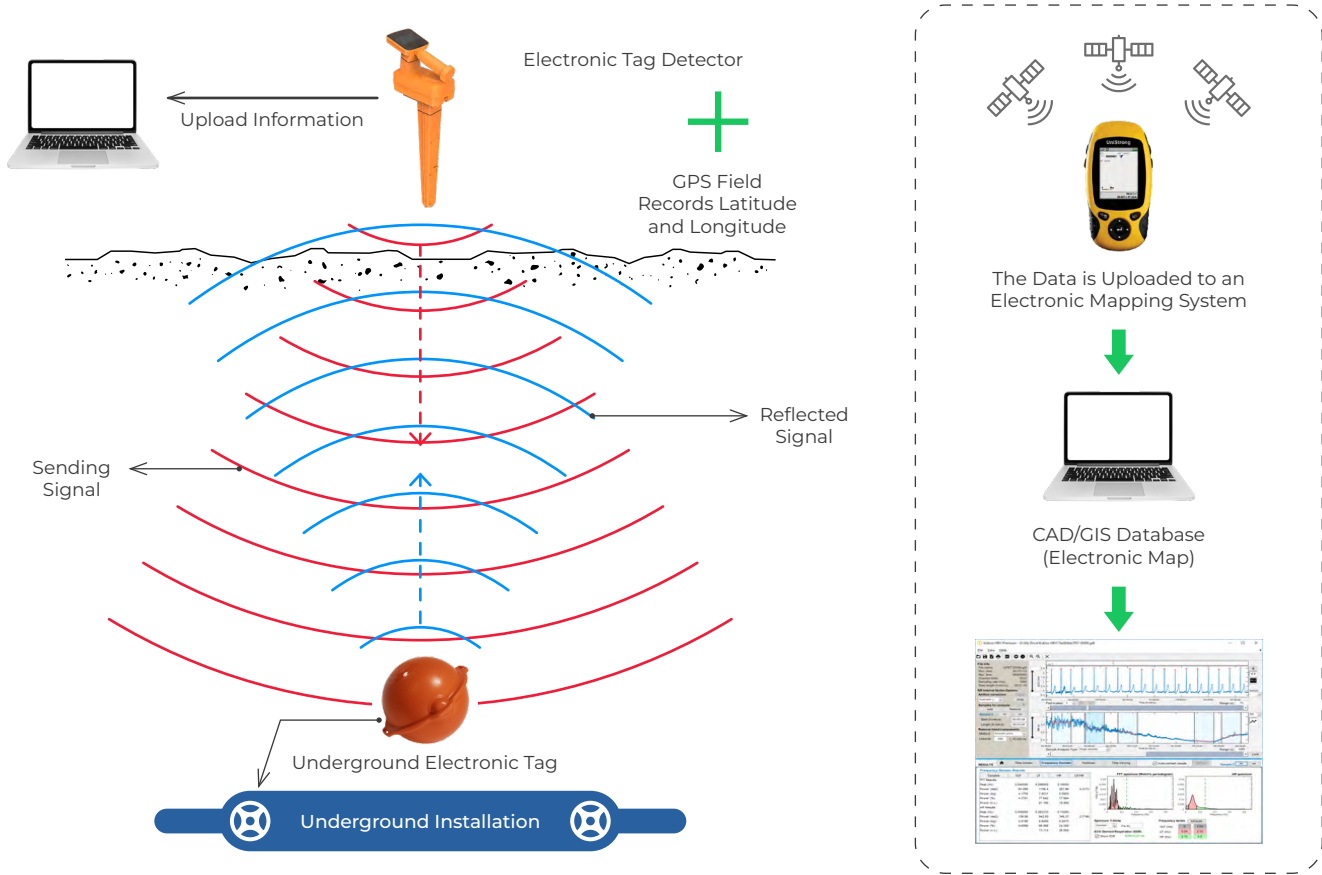
Profile/Outline



Marker Ball for Fiber Cable, 92.0kHz



Marker Ball for Communication Cable, 101.4kHz

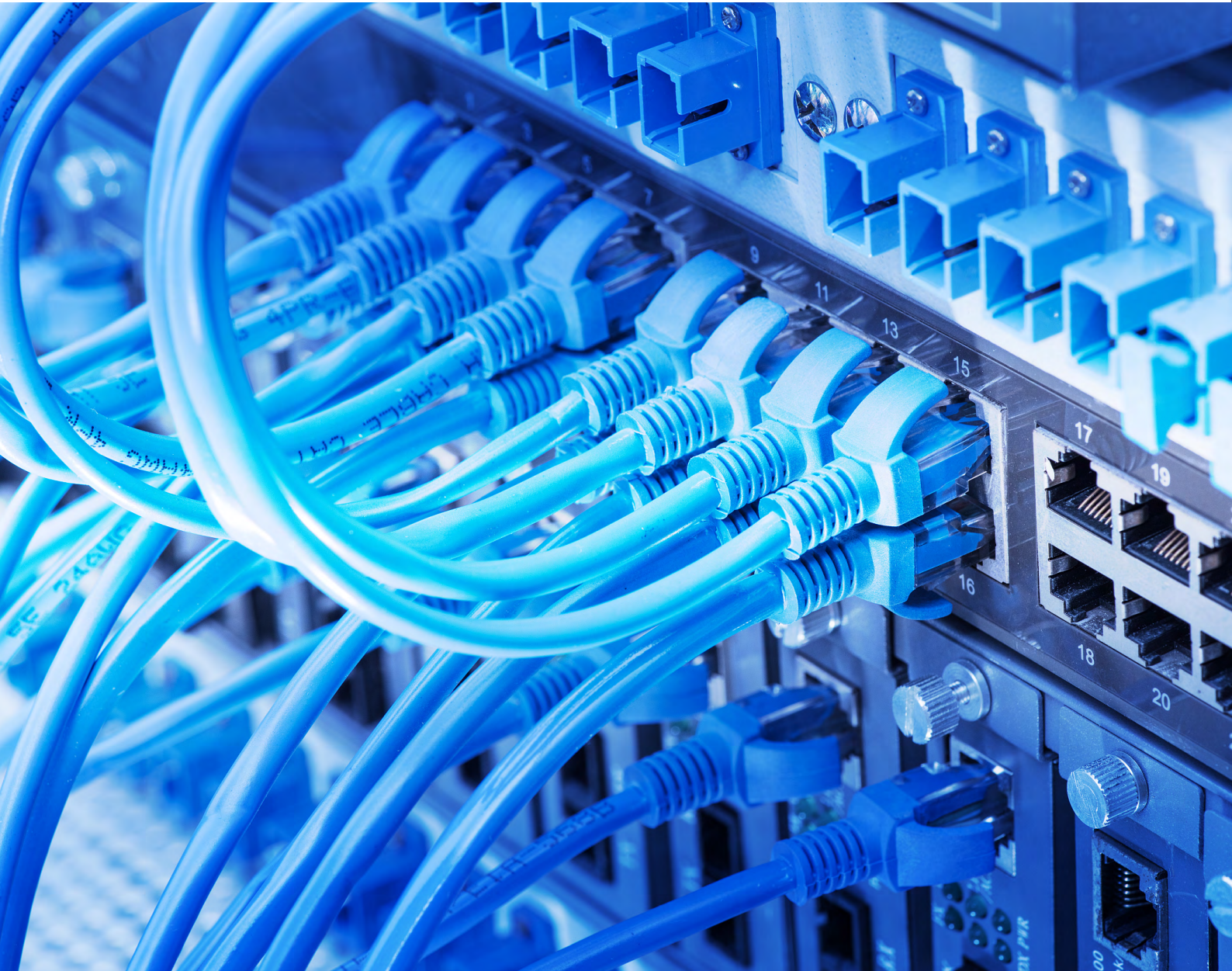


Mechanical Parameter

Item	Parameter
Frequency	92.0kHz / 101.4kHz
Diameter	110mm
Weight	400g
Maximum detection depth	1.5m
Recommended Bury depth	≤1.2m
ID Read depth	1.3m
Operating temperature	-25°C~55°C
Ingress Protection level	IP68

Ordering Information

Part Number	Description
DWMB-ED-1500-FC9200	Marker ball for Buried Optic Fiber Cable, 92.9 kHz
DWMB-ED-1500-CC1014	Marker ball for Buried Communication Cable, 101.4 kHz



PROSE Service

PROSE offers professional services that improve network design, reliability, scalability and efficiency.

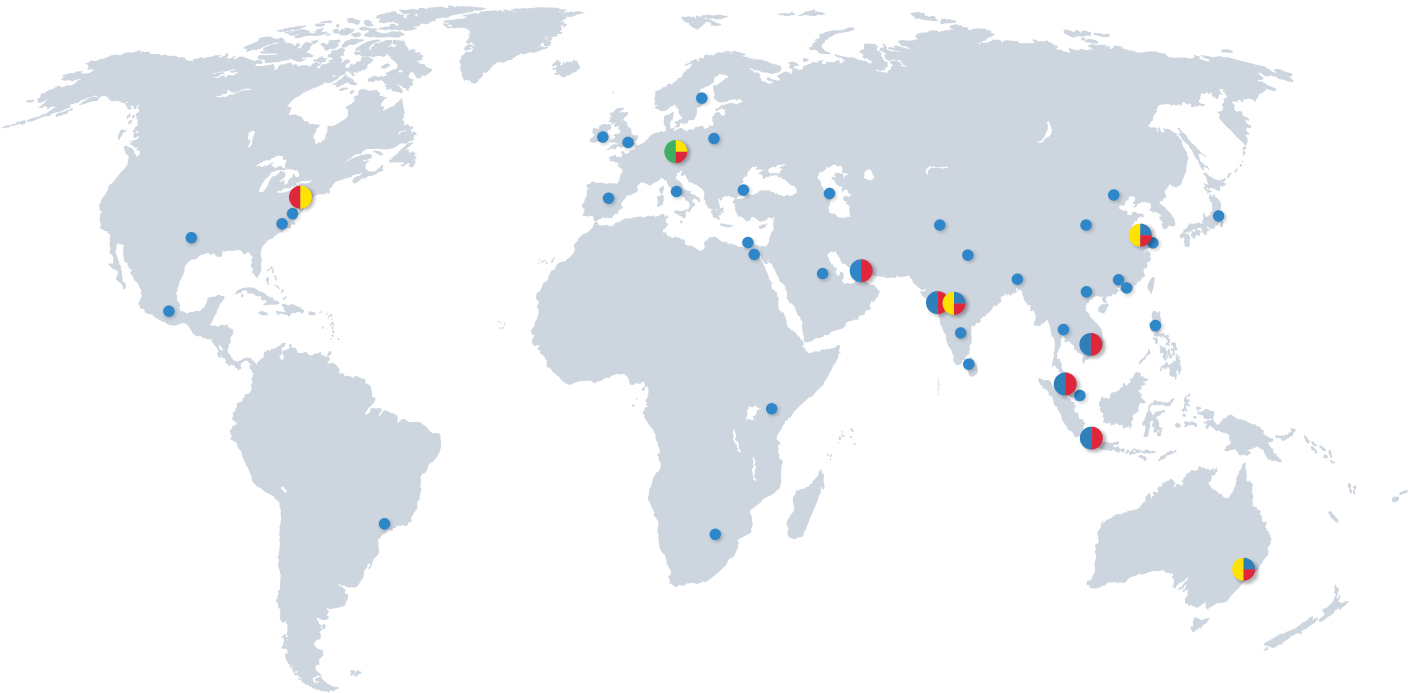
Our service core competences include:

- Network optimization
- Technical consultation
- Customized product design
- Installation & commissioning
- Onsite training & supervision
- System troubleshooting
- After-sales services

In addition, we also offer professional training, technical support and workshops for distributors and agents. We are committed to offering exceptional services for our customers.

PROSE is much more than just a supplier – PROSE is a valued development partner and we will strive to meet new challenges in order to scale to new heights.

GLOBAL FOOTPRINT



- HQ
- PRODUCTION / OPERATIONAL HUB
- R&D / ENGINEERING
- SUBSIDIARIES / SALES REPRESENTATIVES



For more information refer to our website:
www.ProseTechnologies.com

PROSE