

# FIBRE OPTIC CROSS CONNECT RACK

The Fiber Optic Cross-Connect Rack provides a centralized solution for managing high-density fiber connections in telecom and data networks. It supports modular patch panels, splice cassettes, and cable management accessories, ensuring organized routing and minimal bending loss. Built from Synthetic with a powder-coated finish, it offers easy front access, clear labeling, and compliance with industry standards ideal for central offices, data centers, and enterprise networks.



## FEATURES

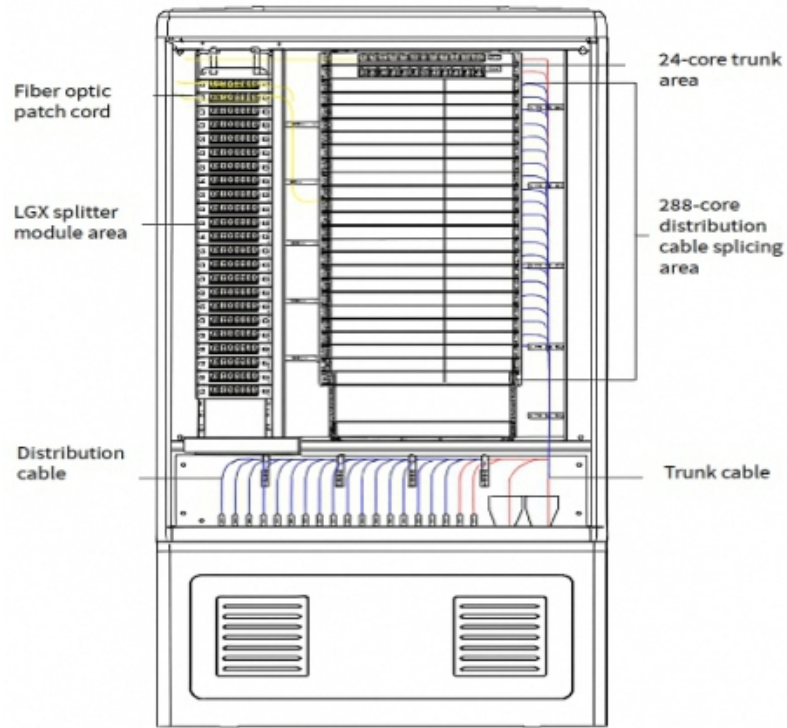
- High-strength, anti-corrosive housing for harsh outdoor environments
- Waterproof and dust-proof sealing design
- Integrated splicing & distribution module for efficient fiber management
- Snap-in adapter slots (FC, ST, SC) with 30° oblique mounting to protect pigtailed
- Organized fiber routing with horizontal and vertical rings
- Spare splice tray for trunk-to-distribution cable fusion
- Strong structure withstands 980N vertical load, 200N on open door
- Supports splitter management and capacity upgrades
- Suitable for point-to-point and point-to-multipoint connections
- Modular design for flexible, cost-effective configurations
- Available in 96F, 144F, 288F, and 576F core capacities

## TECHNICAL PARAMETERS

Material	Synthetic Materials (SMC)	
Protection Level	IP65	
Mounting Options	Floor Mount / Wall Mount	
Splitter Type	Box / LGX	
Operating Temperature	-40°C to +60°C	
Storage Temperature	-5°C to +40°C	
Relative Humidity	≤93% +40°C	
Atmospheric Pressure	70kPa to 106kPa	
Isolation Resistance	≥2×10 <sup>10</sup> Ω / 500V DC	
Dielectrics Withstand Test	≥3kV DC / 1min	
Cross Connect Rack Dimension (H×W×D) mm		
Panel Capacity	Floor Mount Dimensions	Wall Mount Dimensions
96F	780 × 450 × 280	600 × 450 × 280
144F	1030 × 550 × 308	750 × 550 × 308
288F	1450 × 750 × 320	1100 × 750 × 320
576F	1450 × 750 × 540	1100 × 750 × 540

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## DRAWING



## Default Accessories

Items	96F	144 F	288 F	576 F
Heat Shrink Tube	96 Piece	144 Piece	288 Piece	576 Piece
American Type Hose Clamp	12 Piece	12 Piece	19 Piece	38 Piece
Electrical Tape	1 Piece	1 Piece	2 Piece	4 Piece
Nylon Cable Tie	20 Piece	20 Piece	40 Piece	80 Piece
White Protective Tube	10 Meter	10 Meter	15 Meter	30 Meter
Sealing Putty / Duct Seal	1 Set			
Expansion Bolt (Iron)	1Piece			

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## ORDERING INFORMATION

Cross Connect Rack	Mounting Type	Panel Fibre capacity Types	Splice Capacity / Splice Tray	Number of splice Trays (X)	Adaptor Type	Splitter Type	No.of Splitters	Color (X)
NCF	1 : Floor Mount 2 : Wall Mount	A : 096F B : 144F C : 288F D : 576F	1 : 12F 2 : 24F	XX	S1 : SC/PC S2 :SC/APC L1 : LC/PC L2 : LC/APC	Box Type Splitter B1 : 1:8 B2 : 1:16 B3 : 2:16 B4 : 2:32  LGX Type Splitter L1 : 1:8	XX	X

X : R2 [RAL 7035]

**\*Upto 288F max splitter is 18 Nos, For 576 max splitter is 36 Nos**

Part Number	Description
NCF-1B206S2B309-X	144F Floor-Standing Cross-Connect Cabinet, Fully Loaded with SM SC/APC Adapters, Pigtails, 06 × 24F Splice Trays, and 09 × 2:16 G657.A1 Box Splitters
NCF-1A108S2B112-X	96F Floor-Standing Cross-Connect Cabinet, Fully Loaded with SM SC/APC Adapters, Pigtails, 8 × 12F Splice Trays, and 12 × 1:8 G657.A1 Box Splitters