DIN RAIL ENCLOSURES

OCC
®
OPTICAL CABLE CORPORATION

Versatile enclosures for reliable industrial Ethernet connectivity

Overview

OCC's line of DIN Rail fiber optic and copper enclosures offers a rugged and versatile product line ideal for secure terminations within industrial settings. Utilizing OCC's existing 600 series adapter plates, the DTC product family is based on a proven design that offers versatility and ease of installation. The enclosures can accommodate one or two OCC adapter plates and include a splice block for fusion splicing up to 12 fibers. Velcro cable ties for managing proper cable bend radius are also included. The DIN Rail enclosure features a fixed outer housing, and a sliding inner housing with a hinged door providing access to the terminated cable.   A capture screw secures the inner housing and can be removed in order to detach the inner housing completely from the enclosure. Upgrades or modifications to the existing network structure can be made as easily as changing an adapter plate.
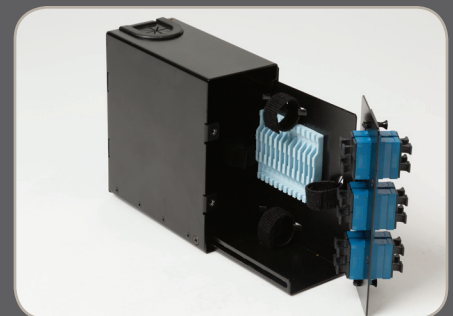
In addition, the DIN Rail enclosures are manufactured with a robust all-metal construction that protects the cable terminations in even the most adverse environmental conditions. Its compact size allows for minimum space requirements when installed in control cabinets. And most importantly, this uncomplicated family of enclosures for industrial communications fits nicely with the entire line of fiber optic connectivity components and cable from OCC.

Features & Benefits:

- Compact size for limited space requirements
- Quick snap-on installation onto any standard 35mm DIN rail
- Sliding inner housing with hinged door and capture screw simplifies installations
- All-metal construction ensures durable and reliable terminations
- Interior cable management for proper bend radius requirements
- Options for cable entry and exit grommets or glands
    - Grommet hole size 1" diameter
    - Cable gland can accommodate 0.250 - 0.485" cable OD
- Grounding screws included for equipment protection
- Can be kitted, pre-loaded or factory pre-terminated

Applications:

- Industrial Automation
- Transportation
- Oil & Gas
- Power Generation and Transmission
- Mining

DIN Rail Enclosures

PART NUMBER	DESCRIPTION
DTC1AP	DIN Rail Enclosure, accommodates 1 adapter plate, cable entry grommet, black, empty
DTC2AP	DIN Rail Enclosure, accommodates 2 adapter plates, cable entry grommet, black, empty
DTC1APG	DIN Rail Enclosure, accommodates 1 adapter plate, liquid tight cable gland, black, empty
DTC2APG	DIN Rail Enclosure, accommodates 2 adapter plates, liquid tight cable gland, black, empty

Fiber Optic Adapter Plates

PART NUMBER	DESCRIPTION	PART NUMBER	DESCRIPTION
600	Blank adapter plate cover	6112SMDSC	12-port adapter plate, SM, dual SC
616MMSC	6-port adapter plate, MM, SC	6112MMDST	12-port adapter plate, MM, dual ST
616SMSC	6-port adapter plate, SM, SC	6112SMDST	12-port adapter plate, SM, dual ST
616MMST	6-port adapter plate, MM, ST	6112MMDLC	12-port adapter plate, MM, dual LC
616SMST	6-port adapter plate, SM, ST	6112SMDLC	12-port adapter plate, SM, dual LC
616MMDLC	6-port adapter plate, MM, dual LC	6124MMQLC	24-port adapter plate, MM, quad LC
616SMDLC	6-port adapter plate, SM, dual LC	6124SMQLC	24-port adapter plate, SM, quad LC
6112MMDSC	12-port adapter plate, MM, dual SC		

Copper Adapter Plates

PART NUMBER	DESCRIPTION	PART NUMBER	DESCRIPTION
605AKX	5-port unloaded adapter plate for KMJ jacks	604AX	4-port unloaded adapter plate for UMJ jacks
K6Axx	Category 6A KMJ jack	U6Axx	Category 6A UMJ jack
K6AS	Category 6A shielded KMJ jack	UMJA6xx	Category 6 UMJ jack
KMJA6xx	Category 6 KMJ jack	UMJA5Exx	Category 5e UMJ jack
KMJA602S	Category 6 shielded KMJ jack	BE08Sxx	Shuttered bezel for UMJ jacks
KMJA5Exx	Category 5e KMJ jack		
KMJA5E02S	Category 5e shielded KMJ jack		

Replace "xx" with color code: 00=Electrical ivory, 01=Office white, 02=Black, 03=Red, 04=Green, 05=Blue, 06=Data Gray, 08=Orange, 09=Yellow, 10=Purple, 11=Brown, 12=Bright white.