

specifications

Pre-loaded fibre drawers provide a pre-configured, ready-to-install system for managing fibre optic terminations, connections and patching in a 1 RU rack mount enclosure. The pre-loaded enclosure accommodates both field termination and field splicing, and supports trunk cable entry via PG style glands, blown fibre glands and metric knockouts with rubber grommets. The pre-loaded enclosure is a two-piece design with a slide-out drawer for full access to all fibre terminations, easy moves, adds and changes and simple installation. The enclosure has silk-screened white areas adjacent to each adapter for individual fibre channel labelling and a similar silk-screen area for overall enclosure labelling. The enclosure has integral mounting brackets suitable for installation in any 19" wide EIA-310/IEC 60297 compatible rack or cabinet.



technical information

Dimensions:	43.9mmH x 444.5mmW x 308.2mmD
Mounting option:	Integral brackets mount to 19" wide EIA-310/IEC 60297 rack rails
Accessories:	Mounting hardware and fibre routing accessory kit included; contains two FMS1 fibre management spools, two 30mm size rubber grommets, one PG11 cable gland, PANDUIT™ PAN-TY™ Cable Ties and M6 x 1 mounting screws

key features and benefits

Pre-loaded with fibre optic adapters	Factory configured with duplex SC, LC or E-2000 adapters for fast and easy cabling and installation
Slide-out drawer	Slides forward a full 300mm for service access to all fibre terminations, connections and splices
Field terminate or fusion splice	Supports both field termination via pot-and-polish or PANDUIT™ OPTICAM™ Connectors or field splicing (fusion or mechanical) with appropriate slack storage and cable management provisions
Multiple cable entry methods	Trunk and interconnect cable entry via PG11 glands, 5mm blown fibre glands, 20mm knockouts or 30mm rubber grommets
Two-piece, all-metal body construction	Simple and economical installation with no loose components to misplace; improved protection over plastic fibre drawers
Dedicated labelling areas	Silk-screened white labelling areas for individual fibre channel identification plus overall enclosure labelling

applications

PANDUIT™ OPTICOM™ Pre-Loaded Fibre Drawers provide a factory configured, ready to install system for managing fibre optic terminations, connections and patching in a variety of applications. The enclosure can serve as a transition from backbone cabling to distribution switching in telecommunications rooms, can act as an interconnect to active equipment switches in a fibre to the zone application or can be used as a transition enclosure for splicing to service provider trunks and then patching to premise intra-building cabling.

The pre-loaded enclosures can terminate and manage up to 48 fibres in 1 RU depending on configuration and adapter type. Enclosures are pre-loaded with SC, LC or E-2000 style adapters suitable for use with 62.5/125µm (OM1), 50/125µm (OM2 or OM3) multimode or OS1/OS2 singlemode fibre. The simple two-piece design features a slide-out drawer for full access to all fibre terminations. This supports fast and intuitive installation plus easy moves, adds and changes.

OPTICOM™ Pre-Loaded Fibre Drawer for OM1 62.5/125µm Multimode Fibre

6 duplex SC adapters:	FD1W6EIDSC
12 duplex SC adapters:	FD1W12EIDSC
12 duplex LC adapters:	FD1W12EIDL
24 duplex LC adapters:	FD1W24EIDL

OPTICOM™ Pre-Loaded Fibre Drawer for OM2 50/125µm Multimode Fibre

6 duplex SC adapters:	FD1W6BLDSC
12 duplex SC adapters:	FD1W12BLDSC
12 duplex LC adapters:	FD1W12BLDL
24 duplex LC adapters:	FD1W24BLDL

OPTICOM™ Pre-Loaded Fibre Drawer for OM3 50/125µm Multimode Fibre

6 duplex SC adapters:	FD1W6AQDSC
12 duplex SC adapters:	FD1W12AQDSC
12 duplex LC adapters:	FD1W12AQDL
24 duplex LC adapters:	FD1W24AQDL

OPTICOM™ Pre-Loaded Fibre Drawer for OS1/OS2 9/125µm Singlemode Fibre

6 duplex SC adapters:	FD1W6BUDSCZ
12 duplex SC adapters:	FD1W12BUDSCZ
12 duplex LC adapters:	FD1W12BUDLCZ
24 duplex LC adapters:	FD1W24BUDLCZ
12 duplex E-2000 adapters:	FD1W12BUDE2KZ
24 duplex E-2000 adapters:	FD1W24BUDE2KZ

OPTI-CORE™ Patch Cords and Pigtails

Duplex SC to SC patch cords:	F^LD3-3M‡
Simplex SC to buffered pigtail:	F^B3-NM‡Y
Duplex LC to LC patch cords:	F^LE10-10M‡
Simplex LC to buffered pigtail:	F^B10-NM‡Y
Simplex E-2000 to buffered pigtail (singlemode only):	F9B16-NM‡

OPTICOM™ Splicing Accessories

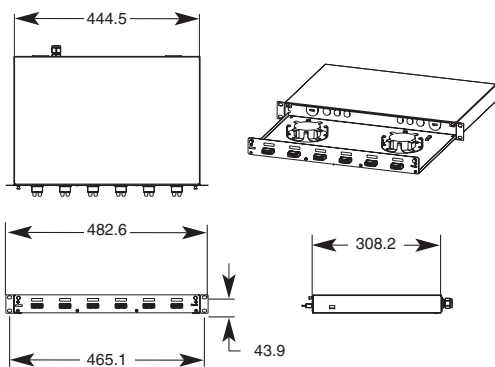
Fibre splice chip, 24 fusion splices:	FSC24
Fibre splice module, 24 fusion splices:	FOSMF
Fibre splice module, 12 mechanical splices:	FOSMM

^Substitute for fibre type 6 (OM1 – 62.5/125µm), 5 (OM2 – 50/125µm), X (OM3 – 10GigE™ 50/125µm) and 9 (OS/OS2-9/125µm).

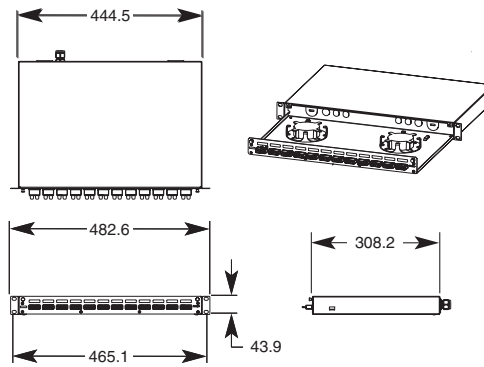
‡Substitute for length in metres: Patch cords – 1 – 10, 15, 20, 25 or 30; pigtails – 1, 2 or 3. Contact Customer Service for other available lengths.

fibre capacities

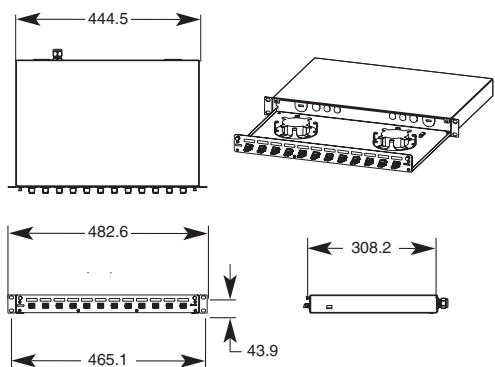
Enclosure Part Number				Adapter Count	Adapter Type	Simplex/Duplex
OM1	OM2	OM3	OS1/OS2			
FD1W6EIDSC	FD1W6BLDSC	FD1W6AQDSC	FD1W6BUDSCZ	6	SC	Duplex
FD1W12EIDSC	FD1W12BLDSC	FD1W12AQDSC	FD1W12BUDSCZ	12	SC	Duplex
FD1W12EIDLCL	FD1W12BLDLC	FD1W12AQDLC	FD1W12BUDLCZ	12	LC	Duplex
FD1W24EIDLCL	FD1W24BLDLC	FD1W24AQDLC	FD1W24BUDLCZ	24	LC	Duplex
—	—	—	FD1W12BUDE2KZ	12	E-2000	Duplex
—	—	—	FD1W24BUDE2KZ	24	E-2000	Duplex



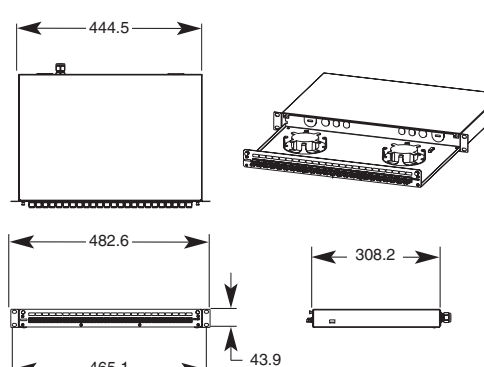
FD1W6**DSC



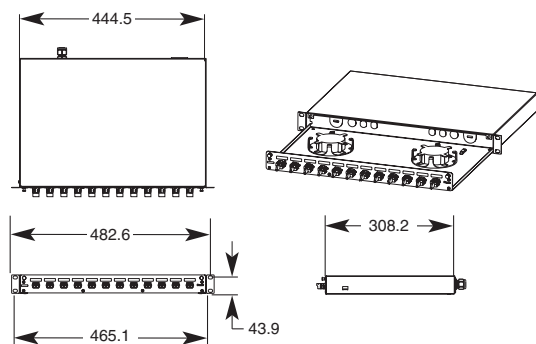
FD1W12**DSC



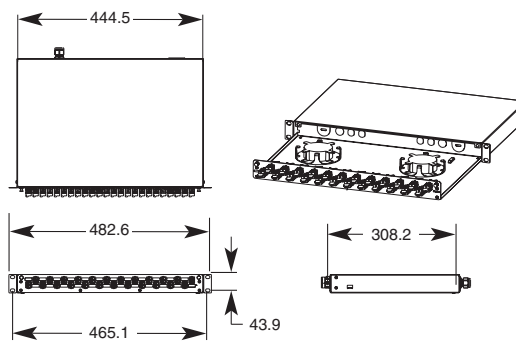
FD1W12**DLC



FD1W24**DLC



FD1W12BUDE2KZ



FD1W24BUDE2KZ

**Substitute for adapter colour/fibre type: EI (Electric Ivory/OM1 62.5/125µm), BL (Black/OM2 50/125µm), AQ (Aqua/OM3 10GiG™ 50/125µm) or BU and add Z to end (Blue/OS1/OS2 9/125µm).

Dimensions are in millimetres

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