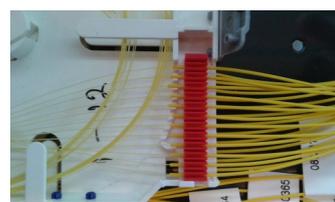
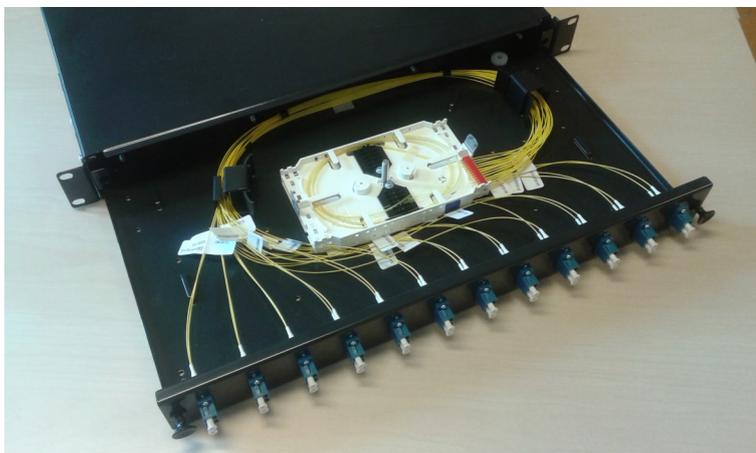


ODF 19" 1U Pre assembled

M-ODF1U



EFB Optical 19" box's for Fiber optic installations, is a very stable steel metal housing with overall painting in black or light grey color. The design with depth adjustable mounting, offers a better space for the patchcords in front of the box. The box is fully equipped with pigtailed, splice cassette and adaptors. All pigtailed are kept in place by the cableguides and well protected by the strain Relief of the splice cassette. All pigtailed are stripped from the 900my buffer and prepared for cleaving and fusion splice. Finally, all pigtailed are manually cleaned before mating into the Fiber adaptor. The box will be supplied with necessary equipments like screw and nuts, for installing into the 19" cabinet.

Application / Approval

- Pre assembled Optical box's for Fiber optic installations.
- Available in 1U, 2U & 3U high
- Color, black/dark grey RAL7021 or grey RAL7035
- Variation of frontplates for LC, SC, ST, FC, E2000, MTP/MPO
- RoHS compliance

Technical Specifications, box

- Material : Steel plate 1,5mm powder painted.
- Drawable : Sliding unit with two lockings
- Adjustable : Depth of the box is adjustable from 0-35mm below the 19" profile
- Cable Entry : 4 cable entries (2 left & 2 right) for PG16 / M20 cable gland
- Pigtailed : In accordance to Customer specification
- Adaptors : In accordance to Customer specification
- Splice Cassette : R&M type R30279 with cover R30278
- Splice holder : R&M for 6 splices (Thermo splice protection)
- Strain relief : R&M strain Relief for up to 24 fibre, Red.
- Pigtailed & Adaptors : Adaptors are installed. Pigtailed are installed and buffer stripped, ready for fusion splice

Accessories:

- Cable gland : 1 x M20, 6-12mm cable Gland for cable entry, grey
- Coiling clips : 2 x Coiling clips with guide, Black
- Nuts & screws : 4 x M6 19" nuts included screw and washer

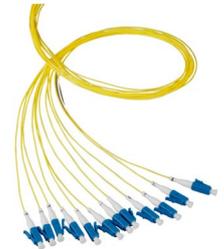
ODF 19" 1U Pre assembled

M-ODF1U

Pigtail, 2 mtr.

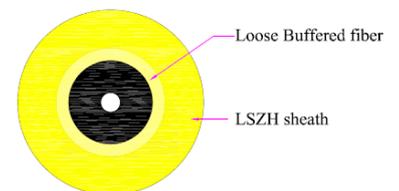
Assembled Characteristics:

- Insertion Loss SM: $\leq 0,3\text{db @}1310\text{nm}$ (typical 0,2db)
- Insertion Loss MM: $\leq 0,25\text{db @}850\text{nm}$
- Return Loss: UPC: $\geq 50\text{db @}1310\text{nm}$ APC: $\geq 65\text{db @}1310\text{nm}$
- End surface: In acc. To OP-03-05001
- Test standard: Telcordia GR-326-Core
- Rohs: Rohs compliant
- Fiber cable: In acc. To IEC 60793-2



Cable Characteristics:

- Small outer diameter, Lightweight
- Flame-retardant jacket, Halogen-free
- Low attenuation, Easy strip
- Temperature range: $-40\text{C}^\circ - +85\text{C}^\circ$
- Outside Diameter: 0,9mm
- Nominel weight: 0,9kg/km
- Max. Tension: 6.0N (short term) - 3.0N (long term)
- Min. bend radius: 20D (Dynamic) - 10D (Static)
- Complies with: TIA/EIA568B.3, Bellcore GR-409-Core & OFNR-ULCSA FT-4
- Color: Primary coating and jacket colored
(SM = Yellow, OM1 = Blue, OM2=Green, OM3 =Aqua, OM4 = Magenta).



Adapter, Single Mode LC, SC Duplex SM / MM

General Specification:

- Sleeve Material: Ceramic
- Typical Insertion Loss: 0,1db
- Max. insertion Loss: 0,2db
- Durability: 1000 matings 0,2db Max increase
- Operating Temp.: $-40\text{C}^\circ - +85\text{C}^\circ$
- Storage Temp.: $-40\text{C}^\circ - +85\text{C}^\circ$
- Rohs: Rohs Compliant
- Standard: Telcordia GR-326-CORE, IEC61754-00
- Color:
 - SM UPC = Blue
 - SM APC = Green
 - MM OM1 = Beige
 - MM OM2 = Beige
 - MM OM3 = Aqua
 - MM OM4 = Magenta



Ordering Information

Order no.	Description	Size	Adaptor Color	Pigtail Color	Box Color	Packsizes
M9LC/6-12AP	ODF 12 port SM LC-D Complete	1U	Blue	Yellow	Black	1 pcs.
M9LC/12-24AP	ODF 24 port SM LC-D Complete	1U	Blue	Yellow	Black	1 pcs.
M9LC/24-48AP	ODF 48 port SM LC-D Complete	1U	Blue	Yellow	Black	1 pcs.
M9SC/6-12AP	ODF 12 port SM SC-D Complete	1U	Blue	Yellow	Black	1 pcs.
M9SC/12-24AP	ODF 24 port SM SC-D Complete	1U	Blue	Yellow	Black	1 pcs.
M9SC/24-48AP	ODF 48 port SM SC-D Complete	1U	Blue	Yellow	Black	1 pcs.
M62LC/6-12AP	ODF 12 port MM OM1 LC-D Complete	1U	Beige	Blue	Black	1 pcs.
M62LC/12-24AP	ODF 24 port MM OM1 LC-D Complete	1U	Beige	Blue	Black	1 pcs.
M62LC/24-48AP	ODF 48 port MM OM1 LC-D Complete	1U	Beige	Blue	Black	1 pcs.
M62SC/6-12AP	ODF 12 port MM OM1 SC-D Complete	1U	Beige	Blue	Black	1 pcs.
M62SC/12-24AP	ODF 24 port MM OM1 SC-D Complete	1U	Beige	Blue	Black	1 pcs.
M62SC/24-48AP	ODF 48 port MM OM1 SC-D Complete	1U	Beige	Blue	Black	1 pcs.
M3LC/6-12AP	ODF 12 port MM OM3 LC-D Complete	1U	Aqua	Aqua	Black	1 pcs.
M3LC/12-24AP	ODF 24 port MM OM3 LC-D Complete	1U	Aqua	Aqua	Black	1 pcs.
M3LC/24-48AP	ODF 48 port MM OM3 LC-D Complete	1U	Aqua	Aqua	Black	1 pcs.
M3SC/6-12AP	ODF 12 port MM OM3 SC-D Complete	1U	Aqua	Auqa	Black	1 pcs.
M3SC/12-24AP	ODF 24 port MM OM3 SC-D Complete	1U	Aqua	Aqua	Black	1 pcs.
M3SC/24-48AP	ODF 48 port MM OM3 SC-D Complete	1U	Aqua	Aqua	Black	1 pcs.
M4LC/6-12AP	ODF 12 port MM OM4 LC-D Complete	1U	Magenta	Magenta	Black	1 pcs.
M4LC/12-24AP	ODF 24 port MM OM4 LC-D Complete	1U	Magenta	Magenta	Black	1 pcs.
M4LC/24-48AP	ODF 48 port MM OM3 LC-D Complete	1U	Magenta	Magenta	Black	1 pcs.
M4SC/6-12AP	ODF 12 port MM OM4 SC-D Complete	1U	Magenta	Magenta	Black	1 pcs.
M4SC/12-24AP	ODF 24 port MM OM4 SC-D Complete	1U	Magenta	Magenta	Black	1 pcs.
M4SC/24-48AP	ODF 48 port MM OM4 SC-D Complete	1U	Magenta	Magenta	Black	1 pcs.

Other configurations on request at short notice.