

## TRUNK CABLE PRE-TERMINATED UT TS 12F



|                          |  |
|--------------------------|--|
| Description              | Dielectric indoor cable formed by a single thermoplastic tube, up to 12F. Strength member composed by aramid yarns and FRP (Fiberglass-Reinforced Plastic). Flame retardant jacket for indoor applications, pre-terminated in factory using optical connectors.<br>Available assembled at both ends with MPO optical connectors or with MPO connector assemblies on an end and monofiber connectors at the opposite end. |
| Application              | Supports IEEE 802.3ae (10Gbase-SR), IEEE 802.3ab (40Gbase-SR4) applications and ANSI T11.2 (Fibre Channel).  |
| Installation Environment | Indoor   |
| Operation Environment    | Non Aggressive   |
| Nominal Diameter (mm)    | OPTIC-LAN 12F UT <ul style="list-style-type: none"> <li>• Nominal Outer Diameter: 5.5 mm</li> </ul> Attention: Bend radius during the installation: max 20x cable diameter. Bend radius after installation 10x cable diameter. <ul style="list-style-type: none"> <li>• Breakout diameter: 16mm</li> <li>• Pulling eye diameter (for MPO-MPO): 21mm</li> </ul>   |
| Length                   | From 10 to 100 m   |
| Color                    | Multimode OM3 or OM4: Aqua<br>Single mode BLI: Yellow or Blue (ABNT)   |
| Cable Type               | <b>Optical Cable Totally Dry:</b> Cable is made of totally dry 'loose' tube, dielectric strength member and flame retardant thermoplastic providing mechanical protection to the fibers. The inner tube is dry, gel-free, for indoor use. The optical fibers are grouped in one unique tube up to 12 fibers. With external jacket flame retardant.   |
| Connector Type           | LC, SC, ST, FC, E2000 or MPO<br><br>MPO assembling method can be type A or B   |
| Fiber Type               | Multimode OM3 (50/125µm)<br>Multimode OM4 (50/125µm)   |

Single mode G-657A (9/125µm)

**Polishing Type** PC (UPC) - Multimode and Single mode Fiber  
 APC - Single mode Fiber

**Insertion Loss (dB)** LC, SC, ST, FC and E2000: 0.3 dB  
 MPO-APC SM: 0.7 dB  
 MPO-UPC MM: 0.5 dB  
 100% assembled and tested at the factory.

| Return Loss (dB) | TYPE OF CONNECTOR    | POLISHING | FIBER | RETURN LOSS - MÓDULO | CLASS (NBR 14433) |
|------------------|----------------------|-----------|-------|----------------------|-------------------|
|                  | LC, SC, ST and FC    | UPC       | MM    | >30                  | A                 |
|                  | LC, SC, ST, and FC   | UPC       | SM    | >50                  | C                 |
|                  | LC, SC, FC and E2000 | APC       | SM    | >60                  | D                 |

MPO:

- SM ≥40 dB
- MM ≥20 dB

**Fibers Quantity** 12 Fibers

**Cable Flammability Rating** LSZH - Low Smoke Zero Halogen

**Mated** > 500 insertions

**Tensile Strength** The pulling grips support a maximum load of 100N.

**Warranty** 12 months

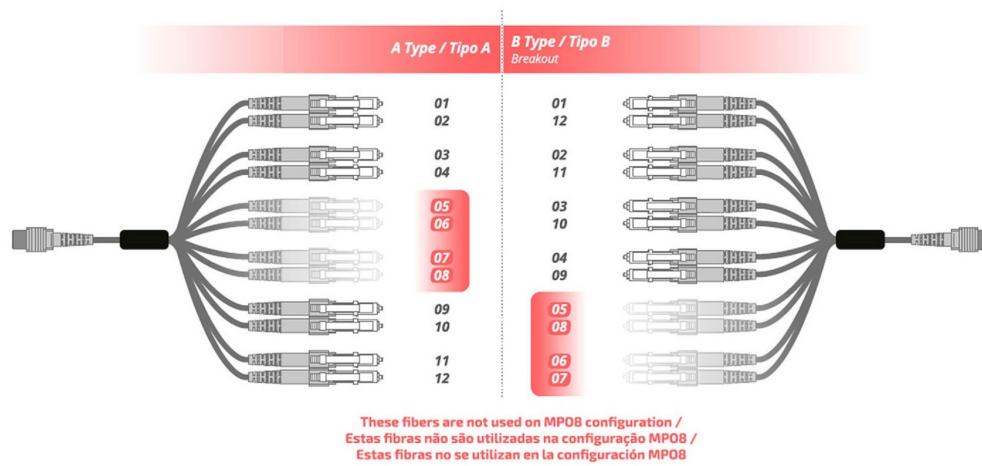
**Certifications** ANATEL  
 MM CABLE: 03359-14-00256  
 BLI G.657 CABLE: 03361-14-00256  
 SM G.652 CABLE: 03360-14-00256  
 LC-PC 1344-06-0256  
 LC-APC 0583-08-0256  
 SC-PC 1365-06-0256  
 SC-APC 0483-02-0256  
 FC-PC 1366-06-0256  
 FC-APC 0485-02-0256  
 ST-PC 0484-02-0256  
 E2000-APC 0482-02-0256  
 MPO-APC SM: 02894-10-00256  
 MPO-UPC MM: 00759-08-00256

**Standard** ANSI/TIA-568.3-D - Optical Fiber Cabling Components Standard  
 TIA-455-220-A (FOTP-220) - Differential Mode Delay Measurement of Multimode Fiber in the Time Domain  
 TIA-455-21A (FOTP21) - Mating Durability of Fiber Optic Interconnecting Devices

TIA/EIA-604-3 (FOCIS 3)  
 TIA/EIA-604-5 (FOCIS 5)  
 TIA/EIA-604-10 (FOCIS 10)  
 ISO/IEC 11.801 Ed.02 - Generic Cabling for Customer Premises  
 ISO/IEC 61754-7  
 ISO/IEC 61300-3-30  
 IEC 60332-3 Test on Electric Cables Under Fire Conditions  
 IEC 60754-2 Acidity of Smoke  
 IEC 61034-2 Measurement of smoke density of cables burning under defined conditions

**RoHS**

This product is in accordance with the RoHS European Directive: a directive on the restriction of the use of certain hazardous substances and related to the environmental preservation.



[Part Numbers](#)