



## TRUNK CABLE PRE-TERMINATED UT TS 8F or 12F

Description	<p>Dielectric indoor cable formed by a single thermoplastic tube with 8 or 12 fibers. Strength member composed by aramid yarns and FRP (Fiberglass-Reinforced Plastic). Flame retardant jacket for indoor applications, pre-terminated in factory using optical connectors.</p> <p>Available assembled at both ends with MPO optical connectors or with MPO connector assemblies on an end and monofiber connectors at the opposite end.</p>
Application	<p>Supports IEEE 802.3ae - 10 Gbs Ethernet ,ANSI T11.2 - Fibre Channel e IEE 802.3-2015 Seção 6 40/100 Gbs Ethernet</p>
Installation Environment	Indoor
Operation Environment	Non Aggressive
Nominal Diameter (mm)	<p>OPTIC-LAN 8F UT: Nominal Outer Diameter: 5.1 mm</p> <p>OPTIC-LAN 12F UT: Nominal Outer Diameter: 5.5 mm</p> <p>Attention: Bend radius during the installation: max 20x cable diameter. Bend radius after installation 10x cable diameter.</p> <ul style="list-style-type: none"> <li>• Breakout diameter: 16mm</li> <li>• Pulling eye diameter (for MPO-MPO): 21mm</li> </ul>
Length	<p>From 10 to 100m</p> <p>* Additional lengths available upon request.</p>
Color	<p>Multimode OM3 or OM4: Aqua</p> <p>Single mode BLI: Yellow or Blue (ABNT)</p>
Cable Type	<p><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.</p>
Connector Type	<p>LC, SC, ST, FC, E2000 or MPO/MTP</p> <p>MPO <b>polarity</b> can be type A or B and the <b>gender</b> male - with pin guide or female without the pin guide.</p>
Fiber Type	<p>Multimode OM3 (50/125µm)</p> <p>Multimode OM4 (50/125µm)</p> <p>Single mode G-657A2 (9/125µm)</p>

**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

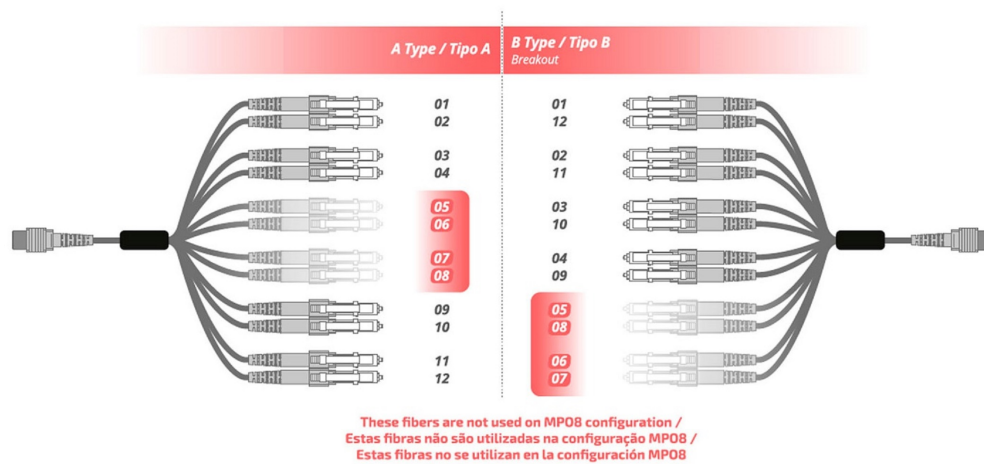
**Certifications** ANATEL  
 MM CABLE: 03359-14-00256  
 BLI G.657 CABLE: 03361-14-00256  
 SM G.652 CABLE: 03360-14-00256  
 LC-PC 1344-06-0256  
 LC-APC 0583-08-0256  
 SC-PC 1365-06-0256  
 SC-APC 0483-02-0256  
 FC-PC 1366-06-0256  
 FC-APC 0485-02-0256  
 ST-PC 0484-02-0256  
 E2000-APC 0482-02-0256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