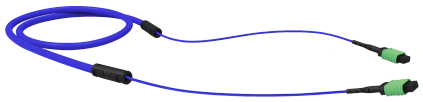

TRUNK CABLE PRE-TERMINATED UT TS 12F

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.
Application	Indoor
Advantage	Suitable for high-density optical fiber environments, completely eliminating the need for fusion splices and significantly reducing installation time. 1. Flexibility and modularity, allows easy expansion without loss of quality; 2. Ensures high performanceand reliability while operating the optical network; 3. Allows fast and easy installation and maintenance; 4. Simple handling,no needs special tools; 5. High Density allows maximum and optimizeduse of infrastructure space. • Exceeds the performance requirements of the standard EIA/TIA-568-C.3; • Supports IEEE 802.3ae second applications (10 Gigabit Ethernet), ANSI T11.2 Fibre Channel and IEE 802.3-2015 Section 6 (40/100 Gigabit Ethernet); • Cable construction formed by single central tube of thermoplastic material of up to12 fibers. Outer sheath of flame retardant thermoplastic material; • Available assembled at both ends with MPO optical connectors or in fanout model, with MPO connector assemblies on an end and LC or SC connectors at the opposite end; • High performance in insertion loss(IL) and return loss (RL); • 100% assembled and tested at the factory.
Installation Environment	Indoor
Operation Environment	Non Agressive
Nominal Diameter (mm)	OPTIC-LAN 12F UT • Nominal Outer Diameter: 5.5 mm Attention: Bend radius during the installation: max 20x cable diameter. Bend radius after installation 10x cable diameter. • Breakout diameter: 16mm • Pulling eye diameter (for MPO-MPO): 16mm

Length	From 10 to 100 m.
Color	Multimode OM3 or OM4: Aqua Multimode OM5: Lime Green Single-mode BLI: Yellow or Blue (ABNT)
Cable Type	**Optical Cable Totally Dry:** 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 o MPO MPO assembling method can be type A or B
Fiber Type	• Multimode OM3 (50/125µm) • Multimode OM4 (50/125µm) • Multimode OM5 (50/125µm) • Singlemode G-657A (9/125µm)
Polishing Type	• PC (UPC) - Multimode and Single mode Fiber • APC - Singlemode Fiber
Insertion Loss (dB)	LC, SC, ST, FC (Maximum) 0.3 dB (Class III - NBR14433) MPO Single-mode (maximum): • Standard: 0.50 dB • Premium: 0.35 dB MPO Multimode (maximum): • Standard OM3 and OM4: 0.50 dB • Premium OM4 and OM5: 0.25 dB

Return Loss

TYPE OF CONNECTOR	POLISHING	FIBER	RETURN LOSS - MÓDULE	CLASS (NBR 14433)
LC	UPC	MM	>30	A
LC	UPC	SM	>50	C
LC	APC	SM	>60	D
SC	UPC	MM	>30	A
SC	UPC	SM	>50	C
SC	APC	SM	>60	D
ST	UPC	MM	>30	A
ST	UPC	SM	>50	C

FC	UPC	MM	>30	A
FC	UPC	SM	>50	C
FC	APC	SM	>60	D
E2000	APC	SM	>60	D

MPO:

- SM ≥50dB
- MM ≥20dB

Fibers Quantity	12 Fibers
Cable Flammability Rating	LSZH - Low Smoke Zero Halogen
Mated	> 500 insertions
Warranty	12 months
Certifications	ANATEL MM CABLE: 03359-14-00256 BLI G.657 CABLE: 03361-14-00256 SM 6.652 CABLE: 03360-14-00256 LC-PC: 01344-06-00256 LC-APC:00583-08-00256 MM MPO-PC: 0759-08-0256 SM MPO-APC: 2894-10-0256
Standard	ANSI/TIA-568-C.3 - Optical Fiber Cabling Component Standard TIA-455-21A - FOTP21 Mating Durability of Fiber Optic Interconnecting Devices TIA/EIA-604-5 (FOCIS 5) 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