



OPTICAL CORD MTF

Description	Multifiber optical cord all-dielectric construction consisting of up to twelve optical fibers single-mode or multimode type 50. . Available with 8 or 12 fibers cable assembled at both ends with MPO optical connectors or in fanout model, with MPO connector one end and LC or SC connectors at the opposite end.
Application	Supports IEEE 802.3ae (10Gbase-SR), IEEE 802.3ab (40Gbase-SR4 applications and ANSI T11.2 (Fibre Channel).
Advantage	Suitable for high density environments of optical fibers, dispensing entirely the need for splicing and significantly reducing installation time. Presents the following advantages: <ul style="list-style-type: none"> • Modularity and flexibility with ease of expansion without quality degradation; • Scalability with fast and easy installation and reconfiguration; • Simple handling; • High density, maximizing use of space in the routing infrastructure with reduced cable diameters. • High performance in insertion loss (IL) and return loss (RL); • 100% assembled and factory tested;
Installation Environment	Indoor
Operation Environment	Non Aggressive
Nominal Diameter (mm)	-Cable diameter on MPO side: 3.0 mm -Cable diameter on LC/SC: 2.0mm
Length	From 5 m to 50 m
Color	Multimode OM3 or OM4: Aqua Multimode OM5: Lime Green Single-mode BLI: Yellow or Blue (ABNT)
Cable Type	Multi-fiber optical cords: completely dielectric up to twelve optical fibers single-mode or multimode type 50. Suitable for indoor installations in applications where security and fire propagation are needed. Construction optimized for MPO patch cord and high density applications.
Connector Type	MPO, LC and SC

Fiber Type	<ul style="list-style-type: none"> • Multimode OM3 (50/125 μm) • Multimode OM4 (50/125 μm) • Multimode OM5 (50/125μm) • Singlemode G-657A (9/125μm)
Polishing Type	LC/SC: UPC (MM or SM) / APC (SM) MPO: UPC (MM) / APC (SM)
Insertion Loss (dB)	MPO Single-mode (maximum): <ul style="list-style-type: none"> • Standard: 0.70 dB • Premium: 0.35 dB MPO Multimode (maximum): <ul style="list-style-type: none"> • Standard OM3 and OM4: 0.50 dB • Premium OM4 and OM5: 0.25 dB LC (Singlemode and Multimode): <ul style="list-style-type: none"> • Standard:0.30dB • Premium LC Uniboot SM: 0.15dB • Premium LC Uniboot MM: 0.10dB
Return Loss (dB)	MPO/MTP <ul style="list-style-type: none"> • SM: ≥40dB • MM: ≥20dB LC/SC <ul style="list-style-type: none"> • SM: UPC ≥50dB / APC≥60dB • MM: ≥30dB
Fibers Quantity	Up to 12F
Cable Flammability Rating	LSZH - Low Smoke Zero Halogen
Mated	> 500 insertions
Warranty	12 months
Certifications	ANATEL SM - 01990-12-00256 MM - 01989-12-00256 MPO-APC SM: 02894-10-00256 MPO-UPC MM: 00759-08-00256

MPO PREMIUM:01283-19-00256
LC-PC 01344-06-00256
LC-APC 0583-08-0256
LC-PC uniboot 03459-16-00256

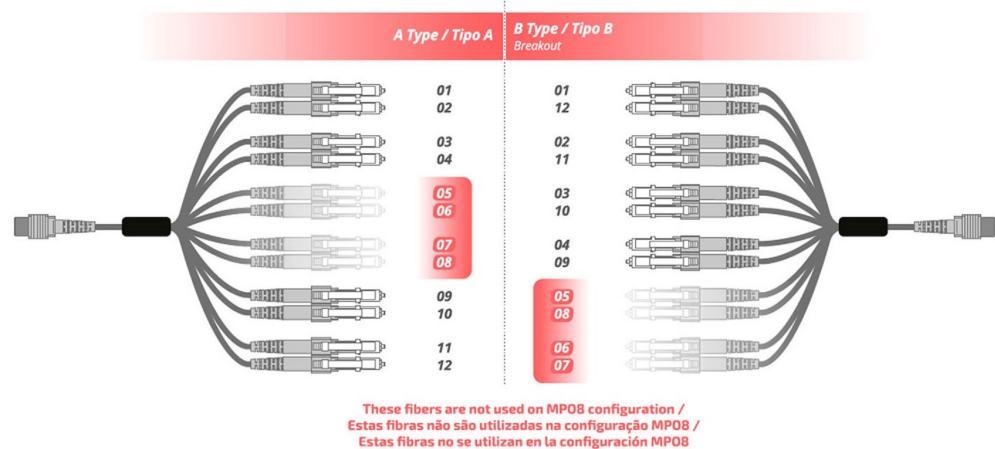
Standard

ANSI/TIA-568-D.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

Additional Image



[Codification](#)