

Infinique MPO Trunk Cable

MPO Pre-terminated Trunk Cable Assembly

Infinique's MPO Trunk Cable Assemblies are designed for high density application which offers excellent benefits in terms of on-site installations, time and space saving. These plug 'n' play solutions uses micro core cables to maximize bend radius and minimize cable weight and size. MPO Trunk Cables are factory pre-terminated, tested and packed along with the test reports.

Available from 12, 24, 48 core configuration, these space saving assemblies come with either Male or Female Connectors. They are available in lengths of 5, 10 and 25 meters (custom lengths are available on request). MPO Trunk Cables are available in Singlemode, Multimode OM3 and Multimode OM4 with LSOH or OFNP Jackets.

Product Features

- High Density Back Bone Cabling
- Pre-terminated at Factory
- Plug and Play, Speedy Installation
- No onsite termination
- 65 - 75% space reduction
- MTP 12, 24, 48 Core Connector on both ends
- Polarity A, B and C available
- Singlemode, Multimode OM3, OM4
- Standard Length 5, 10, 25 meters
- Custom Length available on request
- Test Report with each assembly
- LSOH or OFNP Cable Jacket

GENERAL INFORMATION

Environment	Indoor
Applications	For on-site installations
Cable type	MPO Pre-terminated Trunk Cable

OPTICAL SPECIFICATIONS

Connector Type	US Conec
Protection Class (IP) Connector (A) and (B)	IP20
Polishing Connector (A) and (B)	Singlemode: APC 8° Polish Multimode UPC Polish
Polarity Type	A (Straight), B (Reversed), C (Cross Pair)
Insertion Loss (IL) (A)	< 0.35 dB
Return Loss (RL) (A)	> 50dB
Insertion Loss (IL) (A)	< 0.35 dB
Return Loss (RL) (A)	> 50dB
Mated Pair Vibration	10-55 Hz, 1.5mm P to P = 0.3dB change
Mating Cycles	Delta IL < 0.2 dB after 500 mating cycles
Patch Cord Pull-out Force	5N

MATERIAL SPECIFICATIONS

MPT Crimp Sleeve	Tin Plated Copper
MPT Ferrule	Reinforced Thermoplastic with Stainless Steel Alignment
MPT Grip Housing	VO Rated Thermoplastic
MPT Strain Relief Boot	VO Rated Thermoplastic Rubber
Cable Fiber Type	Singlemode, Multimode OM3, OM4
Cable Jacket	LSOH / OFNP (Plenum)
Cable Diameter	3mm
Cable Jacket Color	Singlemode: Yellow, OM3: Aqua, OM4: Violet
Operating Temperature	-20°C ~ +70°C
Storage Temperature	-40°C ~ +80°C



ORDERING INFORMATION

Part Number	Description	Connector A	Connector B
IFMTCASM12AMML01	Infinique MPO-12 Trunk Cable 12 Cores, Polarity A, APC Polish, Singlemode OS2 Male - Male LSOH	Male	Male
IFMTCASM12AFFL01	Infinique MPO-12 Trunk Cable 12 Cores, Polarity A, APC Polish, Singlemode OS2 Female - Female LSOH	Female	Female
IFMTCASM24AFFL01	Infinique MPO-24 Trunk Cable 24 Cores, Polarity A, APC Polish, Singlemode OS2 Female - Female LSOH	Female	Female
IFMTCASM48AFFL01	Infinique MPO-48 Trunk Cable 48 Cores, Polarity A, APC Polish, Singlemode OS2 Female - Female LSOH	Female	Female
IFMTCASM12AFML01	Infinique MPO-12 Trunk Cable 12 Cores, Polarity A, APC Polish, Singlemode OS2 Female - Male LSOH	Female	Male
IFMTCAM312UMML01	Infinique MPO-12 Trunk Cable 12 Cores, Polarity A, UPC Polish, OM3 Male - Male LSOH	Male	Male
IFMTCAM312UFFL01	Infinique MPO-12 Trunk Cable 12 Cores, Polarity A, UPC Polish, OM3 Female - Female LSOH	Female	Female
IFMTCAM324UFFL01	Infinique MPO-24 Trunk Cable 24 Cores, Polarity A, UPC Polish, OM3 Female - Female LSOH	Female	Female
IFMTCAM348UFFL01	Infinique MPO-48 Trunk Cable 48 Cores, Polarity A, UPC Polish, OM3 Female - Female LSOH	Female	Female
IFMTCAM312UFML01	Infinique MPO-12 Trunk Cable 12 Cores, Polarity A, UPC Polish, OM3 Female - Male LSOH	Female	Male
IFMTCAM412UMML01	Infinique MPO-12 Trunk Cable 12 Cores, Polarity A, UPC Polish, OM4 Male - Male LSOH	Male	Male
IFMTCAM412UFFL01	Infinique MPO-12 Trunk Cable 12 Cores, Polarity A, UPC Polish, OM4 Female - Female LSOH	Female	Female
IFMTCAM412UFML01	Infinique MPO-12 Trunk Cable 12 Cores, Polarity A, UPC Polish, OM4 Female - Male LSOH	Female	Male

The part number have: 1) length of 1 meter for different lengths replace '01' with the length required; 2) 12 cores MPO Connector, replace 12 with 24 or 48 for different cores; 3) LSOH Cable replace 'L' with 'P' for Plenum trunk cable; 4) Polarity A, Replace first 'A' with 'B' for Polarity B and 'C' for Polarity C. Trunk cables are packaged individually along with the test report. Custom Length available on request.