



HYBRIFLEX fiber only cable assembly, 12 single mode fibers, pre-terminated with an MTP12 male connector on both ends of this LSZH, indoor cable. Optimized for Radio over Fiber (RoF) applications, for use within the RFS "Plug and Play" RoF solution. This product is designed to connect two spans of backbone cable which have been terminated with MTP female connectors.

FEATURES / BENEFITS

- High precision MTP/APC fiber connector provides low insertion loss, high return loss, excellent stability and durability
- Available in a range of standard or customized lengths to simplify network design
- MTP connectors are terminated and fully tested in controlled conditions to ensure optimum performance and reliability
- RFS' "Plug and Play" solution simplifies network design, minimizes installation/testing time and the necessary on site skills



Technical features

STRUCTURE

Cable Type		12 single mode fibers (G657A2), LSZH jacket, yellow
Number of Fiber		12

MECHANICAL SPECIFICATIONS

Minimum Bending Radius, (Operating)	mm (in)	30 (1.181)
Minimum Bending Radius, (Installation)	mm (in)	50 (1.969)
Tensile Strength (Operating)		130 N
Tensile Strength (Installation)		440 N
Crush Resistance (Operating)		300 N / 10 cm
Crush Resistance (Installation)		1000 N / 10 cm

CABLE JACKET

Jacket Material		LSZH
Outer Diameter Nominal	mm (in)	4.5 (0.177)

F/O CABLE SPECIFICATIONS

F/O Cable Type		Loose-tube, Single Mode
Core/Clad	μm	9 /125
F/O Cable Jacket		LSZH
F/O Standards (Meets or Exceeds)		G657A2
Fiber Termination End 1		MTP/APC male, single mode, yellow housing, IEC 61754-7
Fiber Termination End 2		MTP/APC male, single mode, yellow housing, IEC 61754-7
Fiber Attenuation		≤ 0.36dB/km λ=1310nm ; ≤0.22dB/km λ =1550nm
Connector Insertion Loss		MTP:Max. 0.35 dB @ 1310&1550nm/ IEC 61300-3-4 Method B
Connector Return Loss		MTP: Min. 60 dB @ 1310&1550nm

**FONF-MM06S-XXXM**

HYBRIFLEX® Fiber Optic Cable Assembly, MTP12/APC Male to MTP12/APC Male, LSZH, Indoor

TESTING AND ENVIRONMENTAL

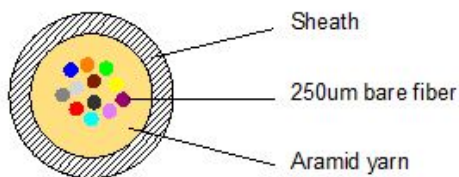
Storage Temperature	°C (°F)	-25 to 70 (-13 to 158)
Operation Temperature	°C (°F)	-20 to 60 (-4 to 140)
Installation Temperature	°C (°F)	-10 to 55 (14 to 131)

ORDERING INFORMATION

<30 m	1 PC in a bag
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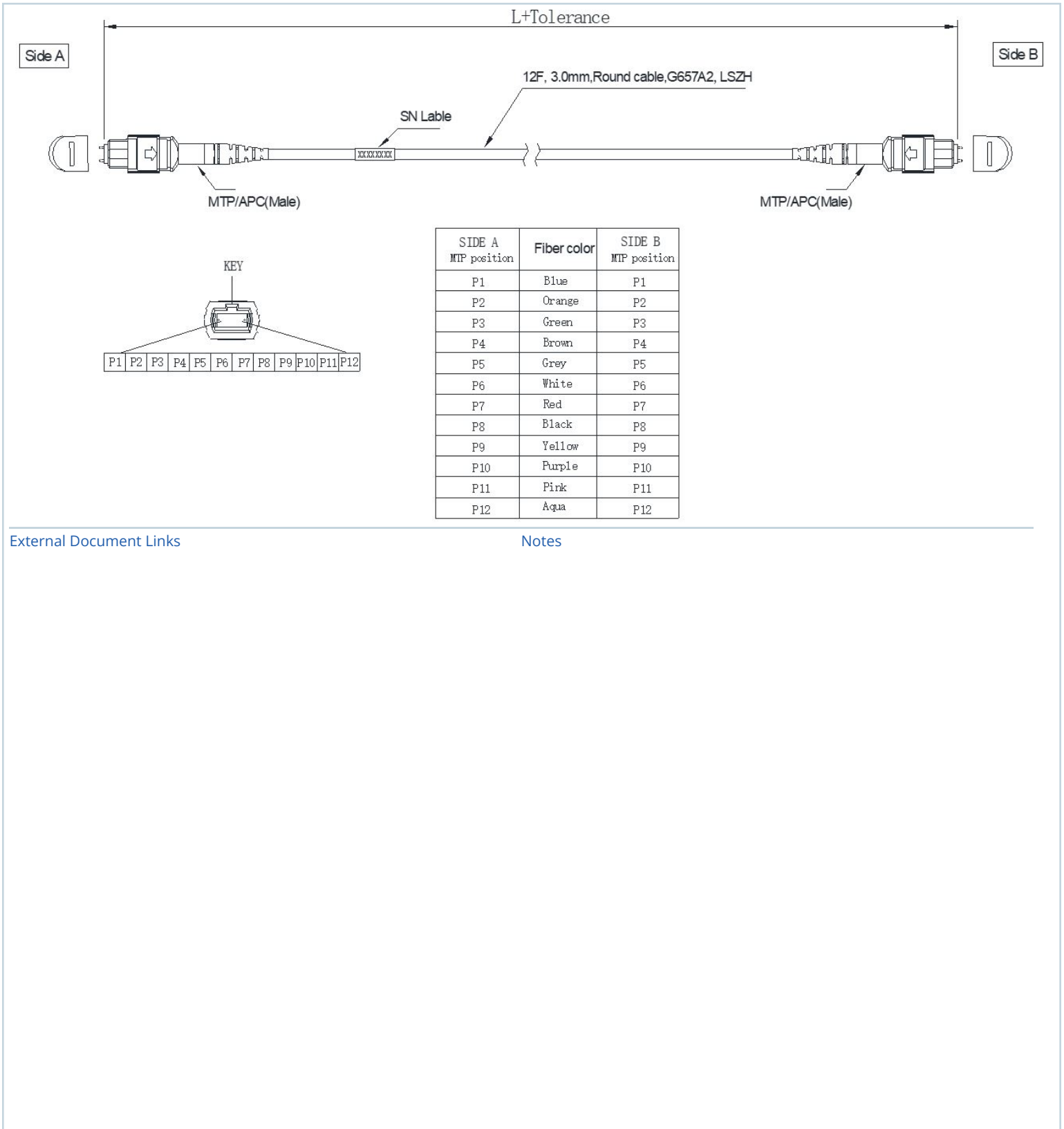
ADDITIONAL ASSEMBLIES

Length	Model Name
1 m	FONF-MM06S-001M
2 m	FONF-MM06S-002M
3 m	FONF-MM06S-003M
4 m	FONF-MM06S-004M
5 m	FONF-MM06S-005M
6 m	FONF-MM06S-006M
7 m	FONF-MM06S-007M
8 m	FONF-MM06S-008M
9 m	FONF-MM06S-009M
10 m	FONF-MM06S-010M

Cable structureCable diameter
Sheath Color3.0mm
Yellow (G657A2)

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External Document Links

Notes