



LinkIT MTP/MPO-B OS2 12c 70m

USConec MTP, Steel armor , LSZH

Product number: LI-MTPOS2BFF12C-070A

Product Description

MTP/MPO OS2 fiber cable with 12 fibers (9/125 μm), designed for high-speed singlemode applications. Equipped with MTP Female connectors (Type B) on both ends and an LSZH jacket for improved fire safety. Suitable for operation at 1310/1550 nm with low attenuation and stable signal performance. Supplied on drum.

Main Specifications

Brand	LinkIT
Color	Yellow
Length (m)	70
Category	OS2 12 fiber Ver.B
Connector type 1	USConec MTP-Female B
Connector type 2	USConec MTP-Female B
Number of fibers	12
Wave length (nm)	1310 / 1550

Extended Specifications

Jacket material	LSZH
Optical Return Loss (dB)	>60dB
Insertion Loss (dB)	≤ 0.75 dB
Operating Temperature	-20 to +70 degrees



Storage Temperature	-20 to +70 degrees
Cable Diameter (mm)	5
Cable fire class	IEC 60332-1-2, IEC 60754-1, IEC 61034
Halogenfree	✓
Fire retardant version	✓
Standards	IEC 60332-1-2, IEC 60754-1, IEC 61034
Certifications	CE, REACH, RoHS

Dimensional Sketches

12 CORE FIBER OPTIC CABLE MTP-MTP 9/125 OS2 LSZH TYPE B

Length

Specifications:

Fiber Mode	OM
Type	MTP-MTP
Cable Diameter (mm)	Ø5.0
Cable Color	Yellow
Core Diameter (um)	9/125
Insertion Loss (dB)	≤0.75
Return Loss (dB)	≥40
Bend radii (mm)	Ø650=half OD 32
	Ø670=half OD 32
	Ø670=half OD 3.5
	Ø670=half OD 5
Ø650=half OD 32	
Fire properties:	Fire retardant and halogen free (IEC 60332-1-2, IEC 60754-1, IEC 61034)
Operating Temperature (°C)	-20~+70
Storage Temperature (°C)	-20~+70

MTP/APC Female Connector A

MTP/APC Female Connector B

MTP/APC Female Connector A

Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8	Port 9	Port 10	Port 11	Port 12
Blue	Orange	Green	Green	Brown	White	Red	Black	Yellow	Purple	Pink	Blue

Length Tolerance:

Length (mm)	Tolerance
145±10	±1000-0
10±1	±10-0

MTP/APC Female Connector B

Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8	Port 9	Port 10	Port 11	Port 12
Blue	Orange	Green	Green	Brown	White	Red	Black	Yellow	Purple	Pink	Blue

Ø5.0±0.2mm

UNLESS OTHERWISE SPECIFIED TOLERANCE TO BE:	AP01	NEW REVISION	****	2026.03.23	ECN-#
MILSAR AND/ANVAR	A	FIRST REVISION	****	2026.03.23	ECN-#
REV.		DESCRIPTION	APVD	DATE	ECN No
MATERIAL:		DRAW: NR	DATE: 2026.03.23	DESCRIPTION:	
FINISH:		CHECK: LSS	DATE: 2026.03.23	LinkIT MTP-MTP-A 12 co arm. PPT OS2	
DO NOT SCALE REF.:		APPR: LF	DATE: 2026.03.23	Ver.A USConec Pull Protec. Magenta	
UNIT: MILLIMETERS	THIRD ANGLE PROJECTION	SCALE: 1:1	PART No: 12MTMT26032302	SIZE: B	A4

