



**LinkIT MTP/MPO-B OS2 12c 100m**

USConec MTP, Steel armor , LSZH

Product number: LI-MTPOS2BFF12C-100A

**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**

<b>Brand</b>	LinkIT
<b>Color</b>	Yellow
<b>Length (m)</b>	100
<b>Category</b>	OS2 12 fiber Ver.B
<b>Connector type 1</b>	USConec MTP-Female B
<b>Connector type 2</b>	USConec MTP-Female B
<b>Number of fibers</b>	12
<b>Wave length (nm)</b>	1310 / 1550

**Extended Specifications**

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



<b>Storage Temperature</b>	-20 to +70 degrees
<b>Cable Diameter (mm)</b>	5
<b>Cable fire class</b>	IEC 60332-1-2, IEC 60754-1, IEC 61034
<b>Halogenfree</b>	✓
<b>Fire retardant version</b>	✓
<b>Standards</b>	IEC 60332-1-2, IEC 60754-1, IEC 61034
<b>Certifications</b>	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**

**LinkIT**

AP01	NEW REVISION	****	2026.03.23	ECN-#
A	FIRST REVISION	****	2026.03.23	ECN-#
REV.	DESCRIPTION	APVD	DATE	ECN No
	DESCRIPTION: LinkIT MTP-MTP-A 12 co arm. PPT OS2 Ver.A USConec Pull Protec. Magenta			10F1
UNIT: MILLIMETERS	THIRD ANGLE PROJECTION	SCALE: 1:1	PART No: 12MTMT26032302	SIZE: B
				A4

