

## Pre terminated Fiber Trunk Cable







## **Product advantage**

- Fastlinkcabsys pre terminated trunk cable provides application options for OM3, OM4 laser optimized multimode and OS2 zero water peak single-mode; Comply with ANSI/TIA 568.3-D and ISO/IEC 11801 2nd amendment standards.
- MPO low loss optical fiber connector is adopted, with the insertion loss of <0.35db, and the link channel has good
  attenuation allowance, so that you have the best flexibility when designing the wiring system.</li>
- Multi mode MPO connector is physical contact polish (PC) interface; The single-mode MPO connector is an
  angled physical contact polish (APC) green low loss interface, and the insertion loss is also <0.35db.</li>
- Optimize the cable routing, effectively use the wiring path and space, and significantly reduce the installation time
  and cost. (Fastlinkcabsys trunk cable adopts double-layer LSOH outer sheath design to provide the best buffer
  protection; With flexibility and reliability, it is especially suitable for the rapid deployment of data centers.)
- The standard branch length is 60±3cm, and the pull wire net cover can be purchased at the single end.
- Inspect the optical performance and reliability when leaving the factory to ensure the quality of the link.
- It meets the polarity requirements of ANSI/TIA 568.3-D optical fiber, and can provide type-A, Type-B and type-C types. (the default type of Fastlink prefabricated optical fiber cabling system is type-B).
- MPO connector complies with IEC 61754-7 standard.
- Comply with ROHS 2011/65/EU environmental protection standards.

## **Product characteristics**

Unit: 12 cores

Optical cable diameter: 6.5mm

Weight of optical cable: 26~70kg/km

Bending radius (IEC 60794–1–2–E11):
30 x optical cable diameter (during installation)

15 x optical cable diameter (during installation)
Tensile strength (IEC 60794–1–2–E1):
400N (short distance) and 150n (long distance)

Compressive strength (IEC 60794-1-2-E4): 1000N/mm2 (short distance)

and 300N/mm2 (long distance)

Torque (IEC 60794-1-2-e7):10 cycles

Flame retardant low smoke halogen-free (LSOH):

IEC 60332-1-2、IEC 60754-2

IEC 61034-1、IEC 61034-2

Applicable temperature (IEC 60794-1-2-F1):

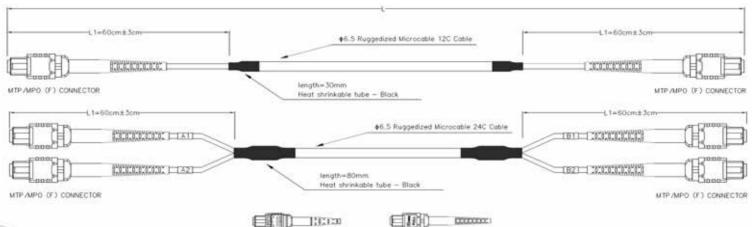
 $-20 \sim +60 \,^{\circ}\text{C} \text{ (in stock)}$ 

 $-20 \sim +60$  °C (during operation)

## **Technical parameter**

Fiber Count	OD. (mm)	Bending Radius(mm)		Tensile strength(N)		Crush Resistance(N/mm2)	
		Dynamic	Static	Short-term	Long-term	Short-term	Long-term
12	6.5±0.5	30D	15D	400	150	1000	300
24	6.5±0.5	30D	15D	400	150	1000	300

T4	Dafamana	MTP/MPO-	-SM(APC)	MTP/MPO-MM(PC)		
Item	Reference	Standard	Low Loss	Standard	Low Loss	
Insertion Loss	IEC61300-3-4	< 0.6dB	< 0.35dB	< 0.6dB	< 0.35dB	
Return Loss	IEC61300-3-6	> 6	0dB	> 20dB		



MTP (F) CONNECTOR