



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 $<0.35\text{dB}$, and the link channel has good attenuation allowance, so that you have the best flexibility when designing the wiring system.
- 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 $<0.35\text{dB}$.
- 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 $60 \pm 3\text{cm}$, 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 operation)
 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 ~ +60 °C (in stock)
 -20 ~ +60 °C (during operation)



Technical parameter

Fiber Count	OD. (mm)	Bending Radius(mm)		Tensile strength(N)		Crush Resistance(N/mm ²)	
		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

Item	Reference	MTP/MPO-SM (APC)		MTP/MPO-MM (PC)	
		Standard	Low Loss	Standard	Low Loss
Insertion Loss	IEC61300-3-4	< 0.6dB	< 0.35dB	< 0.6dB	< 0.35dB
Return Loss	IEC61300-3-6	> 60dB		> 20dB	

