



Product advantage

- Fastlinkcabsys Fanout fiber patch cord provide application options for OM3, OM4 laser optimized flexible multimode and OS2 zero water peak flexible single mode; comply with ANSI/TIA 568.3-D and ISO/IEC 11801 2nd amendment standards.
- MPO low loss optical fiber connector is adopted, and the link channel has good attenuation allowance, so that you have the best flexibility when designing the cabling 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.
- The standard branch length is 60 ± 3 cm.
- Inspect the optical performance and reliability when leaving the factory to ensure the quality of the link.
- Support fan out or fan in termination architecture.
- MPO connector conforms to IEC 61754-7 standard, LC connector conforms to TIA/EIA-604-10 standard.
- Comply with ROHS 2011/65/EU environmental protection standards.

Product characteristics

Unit: 12 cores
 12 core optical cable diameter: 3.0mm
 Weight of optical cable: 19~27kg/km (12 ~ 24C)
 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):
 200N (during operation)
 334N (during installation)
 Impact force (IEC 60794-1-2-E4): 0.74N-m
 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):
 -40 ~ +70 °C (in stock)
 -40 ~ +70 °C (during operation)

Maximum insertion loss value: ≤ 0.60 dB
 Change of insertion loss after plugging: ≤ 0.35 dB
 Change of temperature to insertion loss: ≤ 0.35 dB

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	3.0 ± 0.05	30D	15D	150	80	500	150

Item	Reference	MPO-SM (APC)		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	

