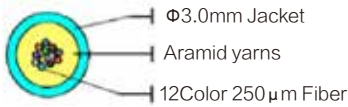




Product advantage

- Fastlinkcabsys prefabricated branch optical fiber provides OM3, OM4 multimode and OS2 zero water peak single mode for selection.
- Comply with ANSI/TIA 568.3-D and ISO/IEC 11801 2nd amendment standards.
- ST, SC, FC and LC connectors are available for use.
- The standard branch length was $60 \pm 3\text{cm}$.
- Verify the optical performance and reliability at the factory to ensure the link quality.
- Connectors comply with TIA/EIA-604-2 (ST), TIA/EIA-604-3 (SC), TIA/EIA-604-4 (FC) and TIA/EIA-604-10 (LC) standard.
- The color coding of optical fiber and cable shall be in accordance with ANSI/TIA-598-C standard.
- Indoor optical fiber cable is designed and manufactured according to TIA 472C000-B/ICEA S-83-596-2001 standard.
- Comply with RoHS 2011/65/EU environmental protection standards.

Product characteristics



Unit: 12 cores
 12 core optical cable diameter: 3.0mm
 Optical cable weight: 19 ~ 27kg / km (12 ~ 24C)
 Bending radius (IEC 60794-1-2-E11):
 30 x cable diameter (when installed)
 15 x cable diameter (when used)
 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 zero halogen (LSOH):
 IEC 60332-1-2, IEC 60754-2
 IEC 61034-1, IEC 61034-2
 Applicable temperature (IEC 60794-1-2-F1):
 -20 ~ +75 °C (in stock)
 -10 ~ +65 °C (when used)
 Change of insertion loss after plugging: $\leq 0.30\text{ dB}$
 Change of temperature to insertion loss: $\leq 0.30\text{ dB}$

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	Spec.	Pass rate
Insertion Loss	IEC61300-3-4 method B	$< 0.15\text{ dB}$	100%
Return Loss	IEC61300-3-6	UPC: SM>55dB, MM>35dB; APC>65dB	100%
Endface	IEC61300-3-35	Endface A except dust or liquid 5% should be accept	95%

