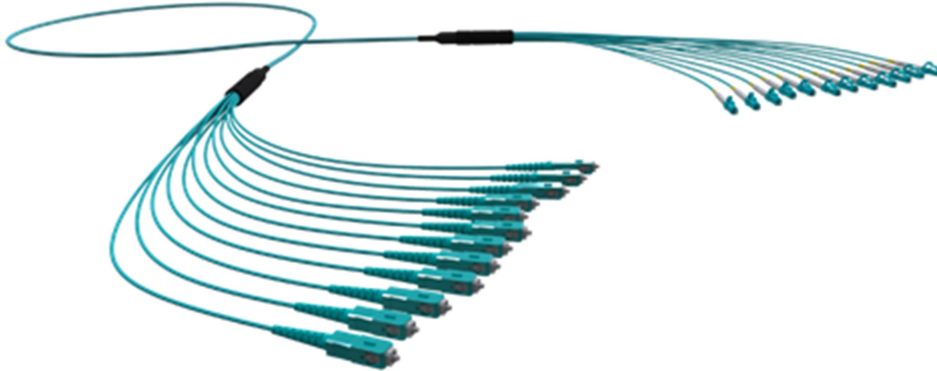




Broadstick Fiber Optic Pre-Terminated Trunks



Broadstick develops custom pre-terminated cable trunks compliant with the following standards:

- *TIA/EIA-568-C.3 and ISO/IEC 11801*
- *ISO/IEC 60793*
- *ISO/IEC 61753, IEC 61754 and IEC 61755*
- *Compliant to Directive 2002/95/EC (RoHS) and REACH SvHC*

All Broadstick cable trunks are tested in fabric



The Broadstick Fiber Optic Pre-Terminated Trunks provide a high quality connection for Data Centers Telecom rooms, equipment, distribution areas, etc.

The solution is provided with a cable Jacket LSZH, Plenum or Riser and is available in G657A1, OM1, OM2, OM3, OM4 and OS1/OS2.



Fiber Optic Pre-terminated Trunk Performance

Fiber Type (ISO/IEC 11801)	OS1/OS2	OM1	OM2	OM3	OM4
Attenuation Coefficient [dB/km]	≤ 0.38 Max (1310nm)	≤ 3.5 Max (850nm)	≤ 3.5 Max (850nm)	≤ 3.5 Max (850nm)	≤ 3.5 Max (850nm)
	≤ 0.25 Max (1550nm)	≤ 1.5 Max (1300nm)	≤ 1.5 Max (1300nm)	≤ 1.5 Max (1300nm)	≤ 1.5 Max (1300nm)
	≤ 0.33 Typ (1310nm) ≤ 0.18 Typ (1550nm)	≤ 2.9 Typ (850nm) ≤ 1.2 Typ (1300nm)	≤ 2.7 Typ (850nm) ≤ 0.9 Typ (1300nm)	≤ 2.7 Typ (850nm) ≤ 0.9 Typ (1300nm)	≤ 2.7 Typ (850nm) ≤ 0.9 Typ (1300nm)
Minimum Bandwidth: Overfilled Launch [Mhz-km]	NA	≥ 200 (850nm) ≥ 500 (1300nm)	≥ 500 (850nm) ≥ 500 (1300nm)	≥ 1500 (850nm) ≥ 500 (1300nm)	≥ 3500 (850nm) ≥ 500 (1300nm)
Minimum Bandwidth: Laser Effective Modal Bandwidth [Mhz-km]	NA	NA	NA	NA	≥ 4700 (850nm)

Part Number Construction

The part number of one fiber optic pre-terminated trunk can be constructed with the next table. Use as reference the part number **TK12-SMLZLCUSCU10** to request a Fiber Optic pre-terminated trunk cable of 12 fibers, single mode, LSZH, connectors A: LC/UPC, connectors B: SC/UPC of 10 meters.

Type	Fiber Count	Fiber	Jacket	Connector A	Connector B	Length (mts)
TK Trunk	12 12	SM OS1/OS2	LZ LSZH	LCU LC/UPC	LCU LC/UPC	01 1 mt
	24 24	O4 OM4	RS Riser	LCA LC/APC	LCA LC/APC	02 2 mts
		O3 OM3	PN Plenum	SCU SC/UPC	SCU SC/UPC	03 3 mts
		O2 OM2		SCA SC/APC	SCA SC/APC	xx Custom
		O1 OM1		STU ST/UPC	STU ST/UPC	
		G1 G657A1		FCU FC/UPC	FCU FC/UPC	
				FCA FC/APC	FCA FC/APC	
				MPO MPO	MPO MPO	

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