

Broadstick High Power Fiber Optic Patch Cords



Broadstick provides custom high power fiber optic patch cords compliant with TIA 568-C.3-1.

The Broadstick fiber Optic LX.5 patch cords provide a high quality Suitable for High Power Networks applications in telecom rooms, equipment distribution areas, etc. This patch cord allows good protection against high power applications and physical damage.

Path cords are provided with a cable Jacket PVC, LSZH or Riser.

Fiber optic patch cord with a LX.5 connector is based on the proven 1.25mm ferrule, it is standardized small form factor connector and because of its automatic metal shutter, it has high packing density, good performance reliability and safety.



**LX.5/APC HIGH
POWER**



FEATURES

The LX.5 connector includes an automatic metal shutter that protects from emerging laser light, especially in high-power networks, as well as the ferrule surface against dirt and dust. The compact design as well as the stable optical transmission performance qualifies the LX.5 for applications in high-power and telecommunication networks. It provides high mechanical and thermal resistance according to Telcordia GR-326-CORE.

Mode	UPC(SM or MM) or APC(SM) polishing
Mode fiber	Single mode or Multimode
Cable diameter	2.0mm
Fiber type	9/125um, 50/125um or 62.5/125um
Insertion loss	Less than 0.3dB
Return loss	UPC>50 dB , APC>60dB
Plug the experiment	1000 < 0.2 dB
Operating temperature range	-20°C ~ 70°C
Storage temperature range	-40°C ~ 80°C



Part Number Construction

The part number of one fiber optic patch cords and pigtails can be constructed with the next table. Use as reference the part number **BSPS-SMLZL5ASCA10** to request a Fiber Optic patch cord simplex, single mode, LSZH, connectors A: LX.5/APC, connectors B: SC/APC of 10 meters.

BRAND		TYPE		TYPE		Jacket		Connector A		Connector B		Length (mts)	
BS	Broadstick	PD	Patch cord Duplex	O1	OM1	PV	PVC	LCU	LC/UPC	LCU	LC/UPC	1F	1 Feet
		PS	Patch cord simplex	O2	OM2	LZ	LSZH	LCA	LC/APC	LCA	LC/APC	1	1 Meter
		PG	Pigtail	O3	OM3	RS	RISER	SCU	SC/UPC	SCU	SC/UPC	10	10 Meters
		PP	Push Pull Uniboot	O4	OM4	PN	PLENUM	SCA	SC/APC	SCA	SC/APC	xx	Custom
		I1	IP67 Patch cord Simplex	O5	OM5			FCU	FC/UPC	FCU	FC/UPC		
		I2	IP67 Patch cord Duplex	SM	SM			L5A	LX.5/APC	L5A	LX.5/APC		
		A1	Patch Cord Simplex					Custom	XXX	PTG	PIGTAIL		
		I2	Patch Cord Duplex							Custom	XXX		

For more information contact sales@broadstick.com

All Broadstick patch cords are tested in fabric.



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