

BLACK-STONE Flat Duplex Fiber Optic Patch Cable

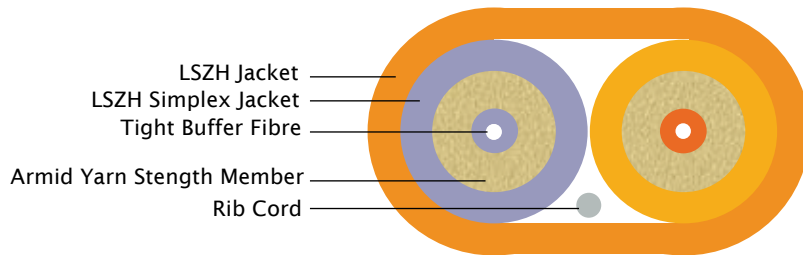


BLACKSTONE flat duplex fibre optic patch cable is constructed with two simplex units held together with an overall LSZH jacket. Ideal for use in office LAN connections, patchcords, pigtails and internal point-to-point links where frequent handling is likely (e.g. data cabinets, equipment rooms, user outlets). Utilising 900µm buffered fibre, the cable unit is suitable for use with industry standard connectors and can be easily made into a patchcord.

FEATUERS

- Tight buffer fibre ease of stripping.
- High strength Aramid yarn strength members for ease of handling
- LSZH jacket
- The jacket anti-corrosion, anti-water, anti-ultra-radiation, flame-retardant and harmless to environment etc.

STRUCTURE DIAGRAM



APPLICATION

- The cable is suitable for use with industry standard connectors and can be easily made into a patchcord, Pigtails and Internal inter-connections.
- Indoor riser level and plenum level cable distribution.
- Interconnect between instrument communication equipments.



Fire Retardant



Internal Use



Installation Temperature
Min 0°C

STANDERD

Tested to meet or exceeds TIA/EIA-455-85A, TIA/EIA-455-25C, TIA/EIA-455-37A, TIA/EIA-455-33B, GR-20-CORE, GR-409-CORE, ICEA S-87-640, ICEA S-104-696, ICEA S-83-596

JACKET COLOR

- OS2 (YELLOW) ●
- OM1 (ORANGE) ●
- OM2 (ORANGE) ●
- OM3 (AQUA) ●
- OM4 (AQUA) ●
- OM5 (GREEN) ●

Mechanical Characteristics Cable

DESCRIPTION	2-CORE LSZH	2-CORE LSZH
Outer Diameter	3.0 x 5.0 mm	3.8 x 6.6mm
Weight	11kg	24kg
Max. Load (installation)	250	250
Max. Load (installed)	125	125
Min. Bend Radius(installation)	20	20
Min. Bend Radius(installed)	10	10
Fire Performance	LSZH	LSZH
Operating Temp.	-20~+60 °C	-20~+60 °C
Storage Temp.	-20~+70 °C	-20~+70 °C
Installation Temp.	-20~+60 °C	-20~+60 °C
Crush Resistance	200	20

TRANSMISSION PERFORMANCE

Multimode					
Fiber Core Diameter (µm)	62.5	50	50	50	50
Fiber Category	OM1	OM2	OM3	OM4	OM4 Extended Distance
Fiber Code	K	T	T	T	T
Performance Option Code	30	31	80	90	91
Wavelengths (nm)	850/1300	850/1300	850/1300	850/1300	850/1300
Maximum Attenuation (dB/km)	3.4/1.0	2.8/1.0	2.8/1.0	2.8/1.0	2.8/1.0
Serial 1 Gigabit Ethernet (m)	300/550	750/600	1000/600	1000/600	1100/600
Serial 10 Gigabit Ethernet (m)	33/-	150/-	300/-	550/-	600/-
Min. Overfilled Launch (OFL) Bandwidth (MHz*km)	200/500	700/500	1500/500	3500/500	3500/500
Minimum Effective Modal Bandwidth (EMB) (MHz*km)	220/-	950/-	2000/-	4700/-	5350/-
Single-mode					
Fiber Category	G.652.D		G.657.A2/G.657.B2 (OS2)		
Performance Option Code	31		31		
Wavelengths (nm)	1310/1383/1550		1310/1383/1550		
Maximum Attenuation (dB/km)	0.65/0.65/0.5		0.65/0.65/0.5		

PART NUMBER

Description	Single Mode	OM1	OM2	OM3	OM4	OM4+
BLACK-STONE Flat Duplex, 2 Fiber count, LSZH	BSFDOS2YL-LSZH	BSFDOM1OR-LSZH	BSFDOM2OR-LSZH	BSFDOM3AQ-LSZH	BSFDOM4AQ-LSZH	BSFDOM4+AQ-LSZH

NOTE: Other diameters are available upon request.