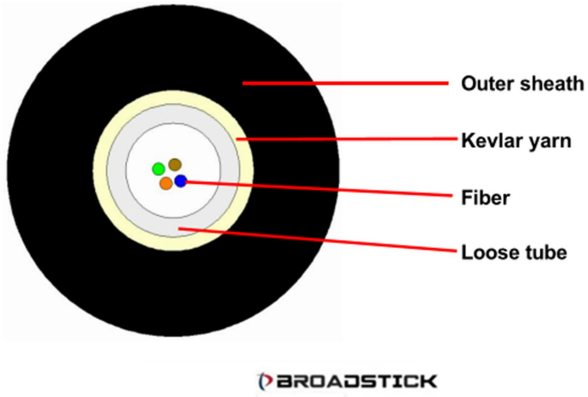
Fiber Optic OM4 Cable 6 Cores Indoor/Outdoor

Broadstick provides fiber optic cable that exceeds the ANSI/TIA 568-C.2 OM4.

The Broadstick fiber cable provides a high quality connection for Data Centers telecom rooms, equipment distribution areas, desk, etc.

This cable allows easy movements, installations and changes.

The cable is provided with a LSZH jacket. The amount of required fibers can be customized as required.



Details

Part Number	**BSF-OO406IO**	
Number of fiber	6 cores	
Optical fiber type	OM4-550	
strength member	Material	Kevlar yarn
Loose tube	Material	PBT
	diameter	Φ1.8mm
Outer sheath	material	LSZH/HDPE
	diameter	6.0±0.1mm

Operation temperature （℃）	-20+60
Installation temperature （℃）	-10+50

Fiber Colors

1	2	3	4	5	6
Blue	Orange	Green	Brown	Slate	White

Cable Mechanical characteristic

Min Bending Radius(mm)	Long term	10D
Min BendingRadius(mm)	Short term	20D
Min allowable Tensile Strength(N)	Long term	100
Min allowable Tensile Strength(N)	Short term	300
Crush Load (N/100mm)	Long term	500
Crush Load (N/100mm)	short term	1000

Fiber characteristic

Characteristics	Conditions	Specified Values	Unit
Attenuation	1310nm	≤0.35	dB/KM
	1550nm	≤0.21	dB/KM
Attenuation vs.Wavelength Max. Adifference	1285-1330nm	≤0.03	d
	1525-1575nm	≤0.02	d
Zero dispersion wavelength		1300-1324	n
Zero dispersion slope		≤0.092	ps
PMD		-	-
Maximum Individual Fiber		≤0.2	ps/km
Link Design Value (M=20,Q=0.01%)		≤0.1	ps/km
Typical value		0.04	ps/km
Cable cutoff wavelength λ∝		≤1260	n
Mode field diameter (MFD)	1310nm	8.8±0.4	n
	1550nm	9.8±0.5	n
Effective group index of refraction	1310nm	1.466	-
	1550nm	1.467	-
Point discontinuities	1310nm	≤0.05	d
	1550nm	≤0.05	d

Geometrical Characteristics

Cladding diameter	124.8±0.7	u
Cladding non-circularity	≤0.7 m	%
Coating diameter	245±5	u
Coating-cladding concentricity error	≤12.0	mu
Coating non-circularity	≤6.0 m	%
Core-cladding concentricity error	≤0.5	u
Curl (radius)	≥4	mm