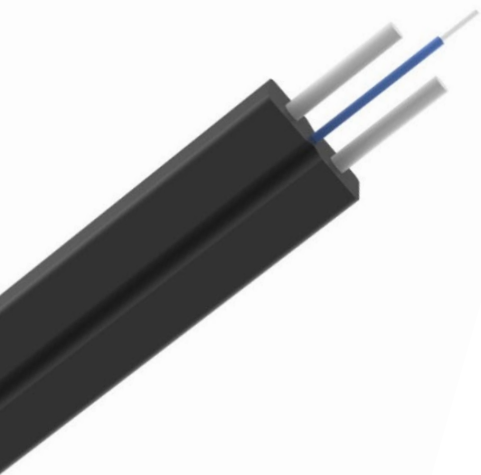


FTTH FLAT DROP CABLE, 1F G657A2, 1000M



Applications:

FTTH flat drop cable is designed to be used indoor and outdoor, on last mile installation routes to connect final users to telecommunication network.



General

Category	Drop		
Cable Type	Interconnect		
Fiber Type	G657 A2		
Fiber Count	1		
Fiber Color	Blue		
Strength Member	FRP		
Sheath Material	LSZH		
Sheath Color	Black		
Print	White ink. legible, cannot be wiped off by fingers		
Packing	1000m wooden reel in box		

Dimensions

Strength Member Diameter	0.5 mm	0.020 in
Cable Diameter	3.0*2.0 mm	0.118*0.079 in
Wooden Reel	Flange Diameter	300 mm 11.81 in
	Hub Diameter	150 mm 5.91 in
	Traverse Width	260 mm 10.24 in

Mechanical

Operating Temperature	-20°C to +65°C		
Bend Radius	Dynamic	40 mm Min.	
	Static	20 mm Min.	
Tensile Test: 50M (IEC 60794-1-2-E1)	Short Term	80 N 1min	Attenuation increment@1550nm: ≤0.1dB
	Long Term	40 N 1min	
Crush Test (IEC 60794-1-2-E3)	Short Term	1000 N/100 mm 1min	Attenuation increment@1550nm: ≤0.4dB
	Long Term	500 N/100 mm 1min	
UV Resistance	ASTM D4329-92 (720hours UL1581)		

Optical

Basic Fiber Requirements	ITU-T G.657		
Cable Attenuation	1310 nm	0.40 dB/km Maximum	0.35 dB/km Typical
	1550 nm	0.30 dB/km Maximum	0.21 dB/km Typical
Fiber Macro-bending Loss	0.03 dB Max. @ 1550nm (15mm radius, 10 turns)		
	0.1 dB Max. @ 1550nm (10mm radius, 1 turn)		
	0.5 dB Max. @ 1550nm (7.5mm radius, 1 turn)		
Chromatic Dispersion	3.5 ps/(nm × km) Max. @1285~1330nm		
	18.0 ps/(nm × km) Max. @1550 nm		
Zero Dispersion Slope	0.092 ps/(nm ² × km) Max.		
Zero Dispersion Wavelength	1300 to 1324 nm		
Proof Stress	0.69 Gpa Max.		

Compliance

Applicable	RoHS2.0(2011/65/EU)		
Reaction to fire	IEC 60332-1-2		
	EN 50575:2014+A1:2016 EN 13501-6(Eca)		
Warranty	3 years		



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