

PRE-CONNECTORIZED DROP CABLE, FASTCONNECT IP68 TO SC/APC



Applications:

Designed for FTTH application with rapid connection from outside network access point to access terminal box



General

Cable Assembly Type	Pre-Connectorized Fiber Optic Cable	
Cable Type	Interconnect	
Fiber Type	G657 A2	
Strength Member	FRP	
Sheath Material	LSZH	
Sheath Color	Black	
Messenger	Galvanized Steel	
Interface	Pre-connectorized Fastconnect IP68 to SC/APC	
Packing	Coils in box	

Dimensions

Strength Member Diameter	0.5 mm	0.020 in
Cable Diameter	5.2*2.0 mm	0.205*0.079 in
Messenger Wire Diameter	1.0 mm	0.039 in

Mechanical

Operating Temperature		-40°C to +70°C	
Bend Radius	Dynamic	30 mm Min.	
	Static	15 mm Min.	
Tensile Test: 50M (IEC 60794-1-2-E1)	Short Term	600 N 1min	Attenuation increment@1550nm: ≤0.1dB
	Long Term	300 N 1min	
Crush Test (IEC 60794-1-2-E3)	Short Term	2200 N/100 mm 1min	Attenuation increment@1550nm: ≤0.4dB
	Long Term	1000 N/100 mm 1min	
Repeated Bending (IEC 60794-1-2-E6)		25 cycles of 60mm radius, 30 cycles/min Attenuation increment@1550nm: ≤0.4dB	
Torsion Test: 1M (IEC 60794-1-2-E7)		10 cycles of ±180°, 5 cycles/min Attenuation increment@1550nm: ≤0.4dB	
Connector-Cable Retention Force		200N Min. Fastconnect	70N Min. SC/APC
Durability		500 times Min.	

Optical

Basic Fiber Requirements	ITU-T G.657	
Assembly Insertion Loss	0.3 dB Max.	0.2 dB Avg.
Assembly Return Loss	60 dB Min.	
Assembly Repeatability (500 times)	0.2 dB Max.	
Assembly Interchangeability	0.2 dB Max.	

Compliance

Applicable	RoHS2.0(2011/65/EU)
Warranty	3 years



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