

PRE-CONNECTORIZED DROP CABLE, OPTITAP 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 Optitap 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		120N Min. Optitap	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



Proprietary information of SIGHTES TECHNOLOGY that may not be reproduced, disclosed or used for any purpose except under the authorized written consent of SIGHTES TECHNOLOGY and may be recalled at any time. Copyright 2022 SIGHTES TECHNOLOGY. All Rights Reserved Jan 21 2025