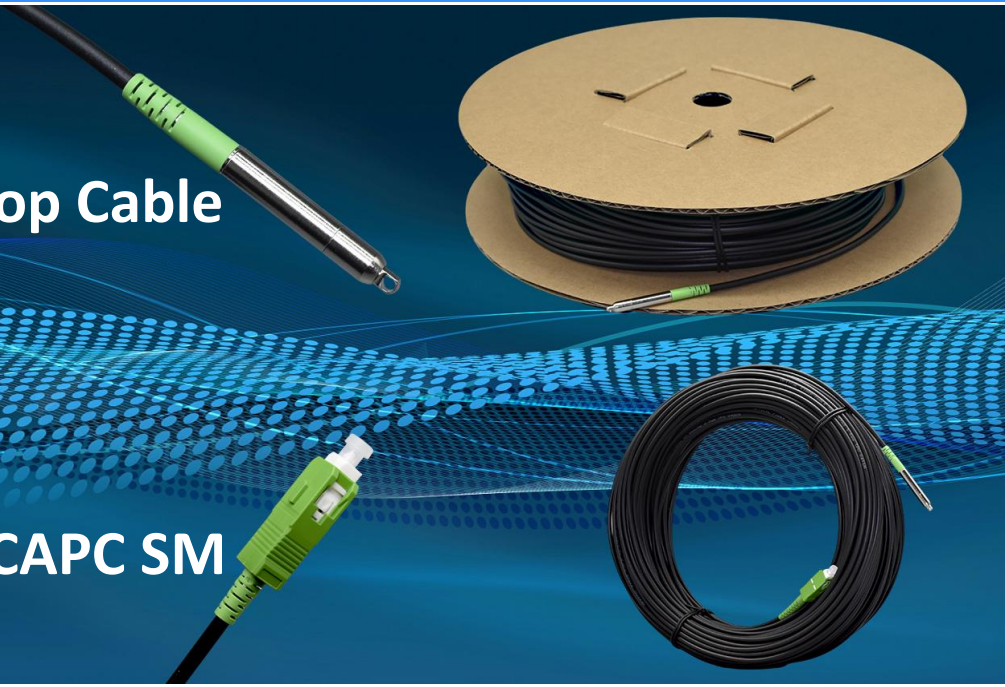


Fiber Optic MDU Drop Cable

Pullable SCAPC to SCAPC SM 1F 3.0mm



The F.O. MDU drop cable patchcord is designed for the rigorous performance needs of FTTH (Fiber-to-the-Home) applications, between a customer outlet and an ONT equipment. These cables incorporate the latest bend-insensitive fiber that enables worry-free installation around tight bending locations. The pullable SCAPC drop cable is designed to be easily pulled through conduits or other pathways during installation.

FEATURES

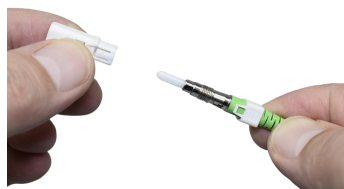
1. Rotating Head

The bullet head is designed rotating to protect optical fiber cable not to be twisted and avoid traction cap being rotating off from connector body during installation.



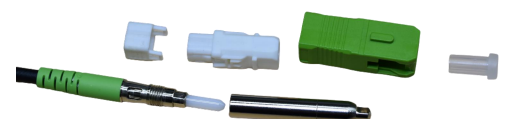
2. Blind-assembling

SC inner housing can be blind-assembly. Not need to find key point based on APC 8° angle polishing during field assembly.

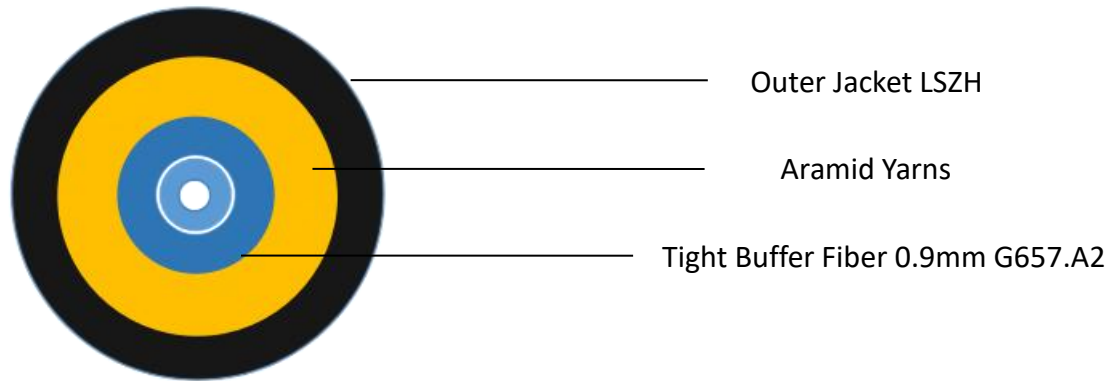


3. Removable & Repeatable assembly

SC inner housing is designed easily to assembly and remove.



FIBER OPTIC CABLE Cross-Section



Technical Parameters of fiber optic cable

Optical Fiber	Category	ITU-T G.657.B3	ITU-T Recommendation G.657.B3
	Fiber Count	1	
	Coating Color	Blue	
	O.D.	250±15µm	
Semi-tight buffer	Color	Blue	
	Material	LSZH	
	O.D.	880±20µm	
Outer Sheath	Material	FRTPU-UV resistant	
	Thickness	0.65±0.05mm	
	Color	Black	
Strength Member	Material	High modulus aramid yarns	
	Count	7*1580 dtex	
Cable	O.D.	3.0 +0.0mm,-0.2mm	
	Weight	10Kg/Km	
Tensile Strength		800N	IEC 60794-1-21-E1
Crush Resistance		5N/mm, 3 cycles	IEC 60794-1-21-E3A
Min.Bending Radius		10XD(Static)	IEC 60794-1-21-E11A
Attenuation under torsion at 180°		0.10dB	IEC 60794-1-21-E7
Span		80m	
Installation span		1%	
Maximum wind speed		80km/h	
Operation Temperature Range		-40~+70℃	IEC 60794-1-22-F1

SPECIFICATIONS

Item	Parameters
Connector A	Pullabe SCAPC
Connector B	Normal SCAPC
Insertion Loss (dB)	Typical <0.15, Max<0.3
Return Loss (dB)	>60
Pulling Force of Connector A	150N
Size of Pullable SCAPC Connector	Length: 47.5mm/ O.D. Max:5.5mm
Flam Retardant Rating	UL94 V-0
Operation Temperature	-40~+70℃