Description

It's a kind of patch cord/Pigtail which assembly with **3.0mm Round high tensile FTTH Drop Cable with LSZH Jacket**.

With easy accessibility to the fiber and simple installation, The LSZH FTTH Drop cable can be used indoor and outdoor directly connected to the homes&Rooms. This is a last cable in FTTH project. Used widely between Fact plate, terminal box between ONU/ONT.
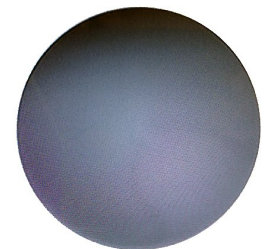
3.0mm LSZH SCAPC-SCAPC G657A2 Round FTTH Drop cable patch cord

Optical Specifications

Connector	SC	Polish	APC
Fiber Mode	9/125µm G657A2/G657B3	Jacket Color	Black/White/Grey/Ivory
Cable OD	3.0mm	Wavelength	SM:1310/1550nm
Cable Structure	Simplex	Jacket Material	LSZH with UV Protection
Insertion loss	≤0.3dB(IEC Grade C) ≤0.1dB(IEC Grade B)	Crush Resistance (N/100mm)	Long term 100; short term:500
Return loss	SM APC ≥ 60dB(min)	Interchangeability &Vibration	≤0.2dB
Cable Tensile Strength （N）	Long term: 400 short term: 800	Operation&Storage temperature	-40~85°C

End-face Quality (SM)

Zone	Range (µm)	Scratches	Defects	Reference
A: Core	0 to 25	None	None	
B: Cladding	25 to 115	None	None	
C: Adhesive	115 to 135	None	None	IEC 61300-3-35:2015
D: Contact	135 to 250	None	None	
E: Rest of ferrule		None	None	

SM APC

Polishing Method

APC(8 Angled Polished connector)

Length Tolerance

Overall Length(L) (m)	length of tolerance (cm)
0<L<1	+5/-0
1<L<10	+10/-0
10<L<40	+15/-0
40<L	+0.5% x L/-0

Cable structure

3.0mm Round FTTH Drop Cable with LSZH Jacket use Simplex round structure, A 900um tight buffer placed inside the cable. Then the cable is completed with Aramid yarn and TPU sheath. The LSZH cable jacket has excellent physical and mechanical properties, high strength, high elasticity, high wear resistance, Excellent chemical resistance, resistant to erosion by acids, alkalis, and other chemicals. With small diameter, soft and bendable characteristics, it's easy to deploy and maintenance. It's the best choice for FTTX project.
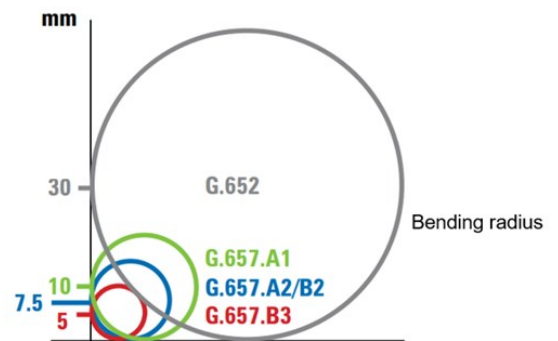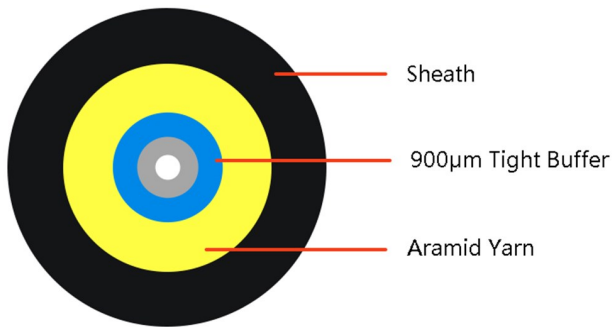
| Number of fiber		1F
Fiber	Type	G657A2、G657B3
	color	Blue
Tight buffer or Semi-tight buffer	material	PVC/LSZH
	diameter	0.9±0.05mm
strength member	material	Aramid yarn
Outer sheath	material	LSZH with UV Protection
	color	Black
	OD	2.9±0.1mm
CPR Level		Available for Dca,Eca
Cable weight(kg/km)		7-8 kg/km
Tensile load（N)		Long term: 400N & Short term:800N
Crush resistance (N/10 cm)		Long term: 100N & Short term:500N
Operation temperature range		-45 ~ +85°C
Installation temperature range		-10 ~ +60°C
Storage temperature range		-45 ~ +85°C

Packaging

This easily taken and well-protected fiber patch cable package has been labelled and marked by OMC as default . Which carton to be used depends on goods Qty . Packing can be customized.
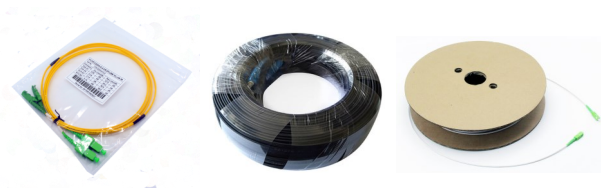
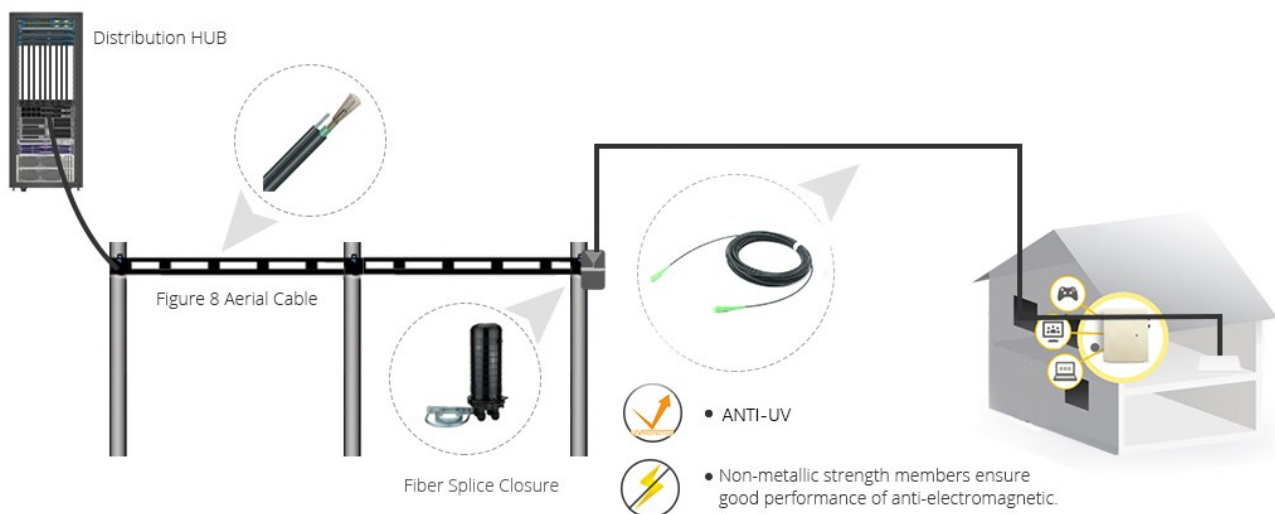1,PE bag or PE Wrap or Paper Drum

2, Paper Carton

3,Fuming-free Pallet

OEM Service

1.Cable color, printing word, material of cable jacket, connector's color

2.OEM Label, Identify ring, cable's label, box, shipping marks

3.Different quality Level.

Application

FTTX Access Networks
Fiber Optic Communication System
FTTH (Fiber to The Home) Indoor Cabling project
Optical fiber connected and transmitted equipment

Distribution HUB

Figure 8 Aerial Cable

Fiber Splice Closure

- ANTI-UV

- Non-metallic strength members ensure good performance of anti-electromagnetic.

Ideal Solution Drop cable Solution for Indoor&outdoor FTTH Project

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