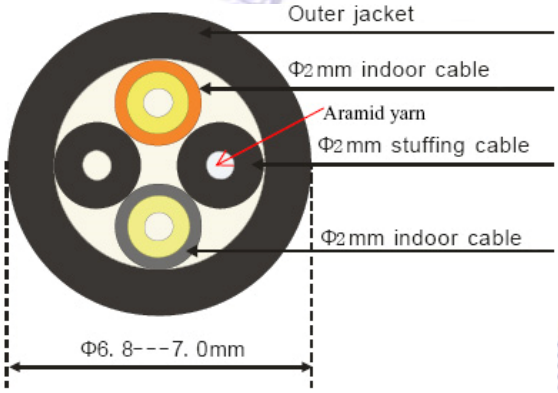
FTTA Outdoor Fiber Optic Patch, 7mm

Application.and Properties:

Outdoor Protected Branch Cable is flexible patch cords that are used for Fiber to the antenna. It is soft, flexible, water blocked, UV resistant.
Application:
• 3G 4G base station used
• FTTA ,FTTP, FTTX,WIMAX
• BBU, RRU, RRH, LTE

- Other Details

- Available multimode and single mode
- Available with and without PDLC connector two
- Duplex LC interface
- High return loss and low insertion loss
- Made with High quality materials
- Cable using spiral metal armored layer with best crush property, and cable is very flexible and easy bend
- The dimensions and raw materials can be designed according to the demand of the customers.
- Excellent mechanical and enviromental characteristic
- High capacity data transmission
- UV stable and resistant to extreme temperature variations.
- Water proof, dust proof and corrosion resistant
- Available in different fiber types and lengths
- Compliance with ROHS، REACH، SVHC
- Lifetime Warranty
- Guaranteed quality and performance



- Technical Specification

Item	DATA
Model Name	FTTA Fiber Patch Cord
Fiber Type	MM
Cable Type	GYFJH 2A1a(LSZH
Connector Type	DLC/PC, DSC/PC
Cable Diameter	7.0mm
Fan-out	0.03/0.34m, 2.0mm
Outdoor Fiber Assembly Specifications	
Insertion Loss	≤0.3dB
Mechanical life	500cycles
Working temperature	-40°C~+70°C
Storage temperature	-40°C~+70°C
Operating temperature	-10°C~+50°C
Protection Level	IP67
Tensile Data	Tensile between junction and fiber cable≥180N
Out shell inflaming retarding	UL94 V-0
Out shell Uvioresistant	UL 746C
Authentication	Meet with RoHS
GYFJH 7.0mm fiber cable Specification	
Item	DATA
Fiber count	2 fibers
The cable weight Kg/Km	43
The OD of sheath mm	7.0±0.2
The material of sheath	LSZH
The thick of sheath mm	1±0.1
The color of sheath	Black
The minimum bending radius mm	10D
Attenuation	≤ 3.5dB/km at 850nm ≤1.5dB/km at 1300nm
Tensile resistance (short term)	400N(no breakage
Crush resistance(short term/long term	1000N/100mm
Using Temperature	-40~+85°C
The color of tight layer	Nature
The material of tight layer	LSZH
The OD of tight fiber mm	0.90±0.05
(Fiber specification(multi-mode	50/125 (OM2 or OM3)
The material of armor	Stainless steel spiral tube
The diameter of armor	mm 1.20±0.10
Thickness of armor mm	0.45
Strength member in sub-unit	kevlar
The OD of sub-unit mm	2.0 (out diameter control 1.9±0.1mm)
The color of sub-unit	Gray, Orange
The material of sub-unit	LSZH
The color of filler	Black
The material of filler	LSZH
The OD of filler	2.0 (out diameter control 1.9±0.1mm)
Strength member in filler	kevlar

Fiber specification		
Core diameter µm	50±0.4	
Cladding diameter µm	124.8±0.7	
% Cladding non-circularity	≤0.7	
Core-cladding concentricity error µm	≤0.5	
Coating diameter µm	245±5	
Coating-cladding concentricity error µm	≤12.0	
Attenuation coefficient	850nm <2.5 dB/Km	1300nm <0.7 dB/Km
Connector Specifications		
Connector	LC, DLC (PC/APC), SC, DSC (PC/APC)	
Insertion loss	≤0.3dB (PC/APC)	
Return loss	PC≥40dB APC≥60dB	
Working temperature	-40°C to +70°C	
Mechanical life	500cycles	