

Drop Cable Patch Cord

Drop Cable is used in high speed and broadband telecommunication applications. It is suitable for both indoor and outdoor applications. The indoor fiber construction comprises of two colored optical fibers, 2 parallel FRP (Fiber Reinforced Plastic) strength members and an LSZH Jacket. The Outdoor Drop Cable construction is similar to the indoor cable, except the cable jacket is made up of a Flame Retardant Black PE and has a steel wire for aerial installations. These light weight cables are suitable for direct installations in villas and multi dwelling units due to their excellent crush and impact resistance properties.

Complied with or exceeds Standard

- ITU-T G657A2 (B6) ● GR-326-CORE ● TIA/EIA-568-C.3 ● ANSI/TIA/EIA-455B
- RoHS Compliant Directive 2011/65/EU

Features

- Special low-bend-sensitivity G657 fiber provides high bandwidth and excellent communication transmission property.
- Two parallel strength members ensure good performance of crush resistance to protect the fibers.
- Simple structure, light weight and high practicability.
- Novel flute design, easily strip and splice, simplify the installation and maintenance.
- The strong steel passenger provided good tensile load during aerial application.
- Single steel wire or FRP as additional strength member ensuring good performance of tensile strength.
- Drop cable patch cord will be produced to different kind of connectors and different length according to the construction need.

Fiber Parameters

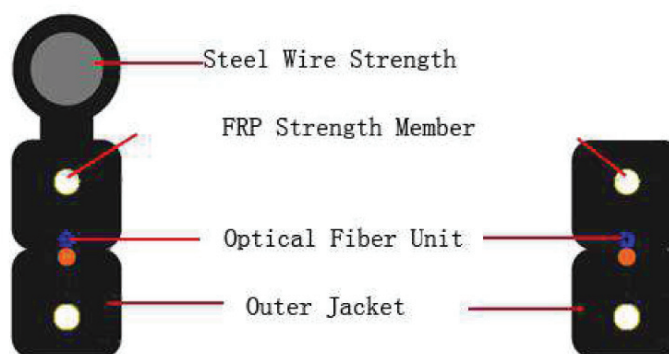
ITEM		Value	
Fiber type		G657A or G652D	
Cladding Diameter		125±0.7 (µm)	
Cladding non-circularity		≤0.7(%)	
Core-cladding concentricity error		≤0.5 (µm)	
Mode field Diameter @1310		8.4~9.2(µm)	
Cladding -coating concentricity error		≤12.0µm	
Coating Diameter		245±0.5 (µm)	
Attenuation(max.)	1310nm	≤0.4(dB/km)	
	1550nm	≤0.3(dB/km)	
Bend Loss (dB)	Bend Radius	10	15
	Bend Turns	1	10
	1550nm	≤0.75	≤0.25
	1625nm	≤1.5	≤1.0

Cable Parameters

ITEM		SPECIFICATIONS
Fiber Type		SM
Fiber count		1~2
Jacket	Diameter	2.0±0.1mm × 5.1±0.1mm
	Material	Standard: LSZH Option: PE or other
	Color	Black or White
Strength Member		FRP or Single steel wire

Mechanical and Environmental Characteristics

ITEMS	UNITE	SPECIFICATIONS	
		GJYXFCH	GJXFH
Tension Term(Long Term)	N	300	40
Tension Term(Short Term)	N	600	80
Crush Term(Long Term)	N/100mm	1000	500
Crush Term(Short Term)	N/100mm	2200	1000
Min. Bend Radius(Dynamic)	mm	30D	20D
Min. Bend Radius(Static)	mm	15D	10D



FIBER OPTIC PATCH CORD