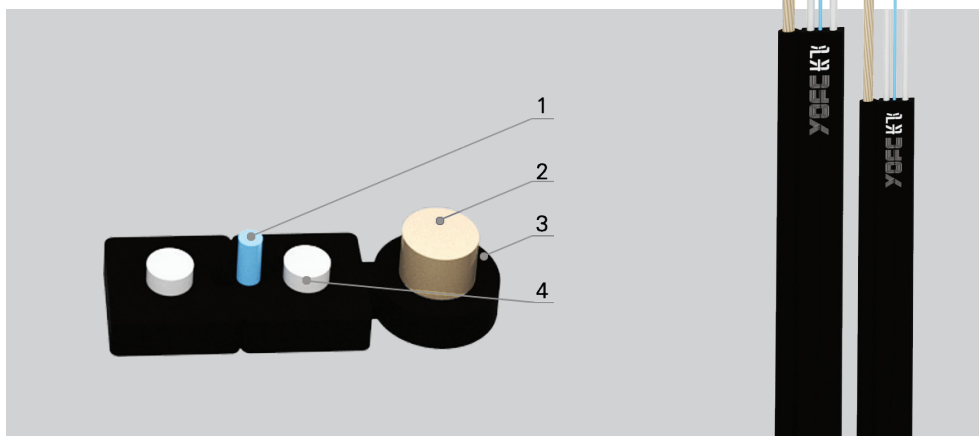


Small Size Self-supporting Bow-Type Drop Cable(GJYXFCH)

Cable Description



1. Optical Fibre: G657A2 fibre.
2. Self-supporting Strength Member: stranded steel wire.
3. Outer Sheath: black or white LSZH
4. Strength Member: kevlar fibre reinforced plastic rod (KFRP) or steel wire.

Features and Applications

- Simple structure and light weight
- Good strippability for easy splice, installation and maintenance
- LSZH sheath ensures the flame retardant performance
- Suitable for FTTH self-supporting installation

Optical Characteristics

		G.652.D	G.657
Attenuation	@1310nm	≤0.40 dB/km	≤0.36 dB/km
	@1550nm	≤0.30 dB/km	≤0.25 dB/km



Technical Data

Item	Contents	Value	
	Fibre Count	1	2
Self-supporting Strength member	material	Stranded steel wire	
	diameter (mm)	7*0.33mm	
Strength member	material	KFRP/Steel wire	
	diameter (mm)	0.45	0.45
Sheath	Thickness (mm)	≥0.40	
Cable diameter(mm) Approx.		1.7*3.8(±0.1)	1.7*3.8(±0.1)
Cable weight(kg/km) Approx.		15.5	16
Operating temperature range(°C)		-40~+70	
Tensile Strength Short/ Long Term(N)		400/200	
Crush resistance short/long term (N/100mm)		1000/500	

Main Mechanical and Environmental Performances

Items	Test Standard	Specified Value	Requirements
Tension	IEC 60794-1-2-E1	See Technical data	Additional attenuation: ≤0.4dB after test
Crush	IEC 60794-1-2-E3	See Technical data	Additional attenuation: ≤0.4dB after test
Impact	IEC 60794-1-2-E4	R=300mm, 10Nm, one in 3 different places	Additional attenuation: ≤0.4dB after test
Repeated Bending	IEC 60794-1-2-E6	R=30H	Additional attenuation: ≤0.4dB after test
Temperature Cycling	IEC 60794-1-2-F1	-40°C~+70°C	Attenuation change: ≤0.4dB/km after test

* All optical measurements at 1550nm.

Packing and Reel Length

- Standard wooden drum with protection
- Standard reel length: 1/2 km/reel, other length is also available.