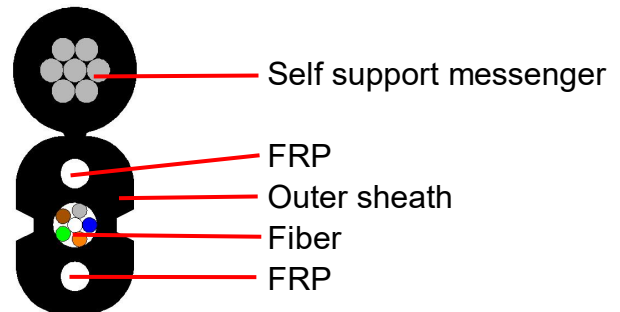
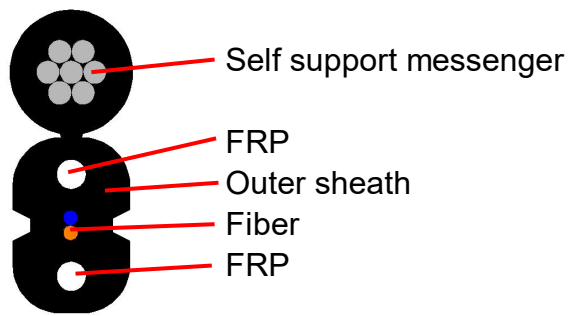
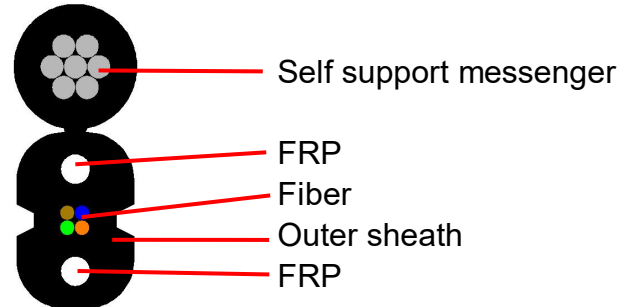
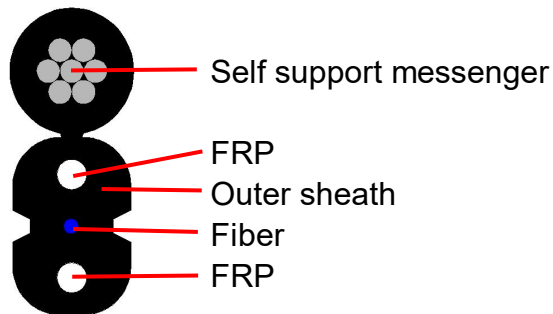


FTTH SP-GJYXCH- G657A1 1-6F 2.0x3.0-5.0

1. Cable structure:



2.Cable construction details

Number of fiber	1F	
Fiber Type	Corning G657A1	
strength member	Material	$\phi 0.5$ FRP*2
Self support messenger	Material	$\phi 1.2(0.4*7)$ Steel wire strand
Outer sheath	Material	LSZH
	Color	Black
Overall Cable sizes	Diameter(mm)	$(5.0\pm 0.15)*(2.0\pm 0.1)$ mm
Sizes without self-supporting	Diameter(mm)	$(3.0\pm 0.1)*(2.0\pm 0.1)$ mm

3.Cable Mechanical characteristic

Min Bending Radius(mm)	Long term	15H	For flat optical cables, bend only in the flat direction
	Short term	30H	
Tensile Strength(N)	Long term	300	
	Short term	600	

Crush Load (N/100mm)	Long term	1000	For flat optical fibers, pressure can only be applied in the flat direction
	Short term	2200	
Installation temperature（℃）	-10+60		
Storage temperature（℃）	-20+70		
Installation temperature（℃）	-20+70		

3.Fiber color

1	2	3	4	5	6
Blue	Orange	Green	Brown	Grey	White

4.Fiber characteristic

Characteristics	Conditions	Specified Values	Unit
Attenuation(After cable)	1310nm	≤0.4	dB/KM
	1550nm	≤0.3	dB/KM
Attenuation vs.Wavelength Max. difference	1285-1330nm	≤0.03	dB/KM
	1525-1575nm	≤0.02	dB/KM
Zero dispersion wavelength		1312±10	nm
Zero dispersion slope		≤0.090	ps/nm ² .km
PMD		-	
Maximum Individual Fiber		≤0.2	ps/√km
Link Design Value (M=20,Q=0.01%)		≤0.1	ps/√km
Typical value		0.04	ps/√km
Cable cutoff wavelength λ _∞		≤1260	nm
Mode field diameter (MFD)	1310nm	8.7-9.5	um
	1550nm	9.2±0.4	um
Effective group index of refraction	1310nm	1.466	-
	1550nm	1.467	-
Point discontinuities	1310nm	≤0.05	dB
	1550nm	≤0.05	dB
Geometrical Characteristics			
Cladding diameter		124.8±0.7	um
Cladding non-circularity		≤0.7	%
Coating diameter		245±5	um
Coating-cladding concentricity error		≤12.0	um
Coating non-circularity		≤6.0	%
Core-cladding concentricity error		≤0.5	um
Curl (radius)		≥4	m