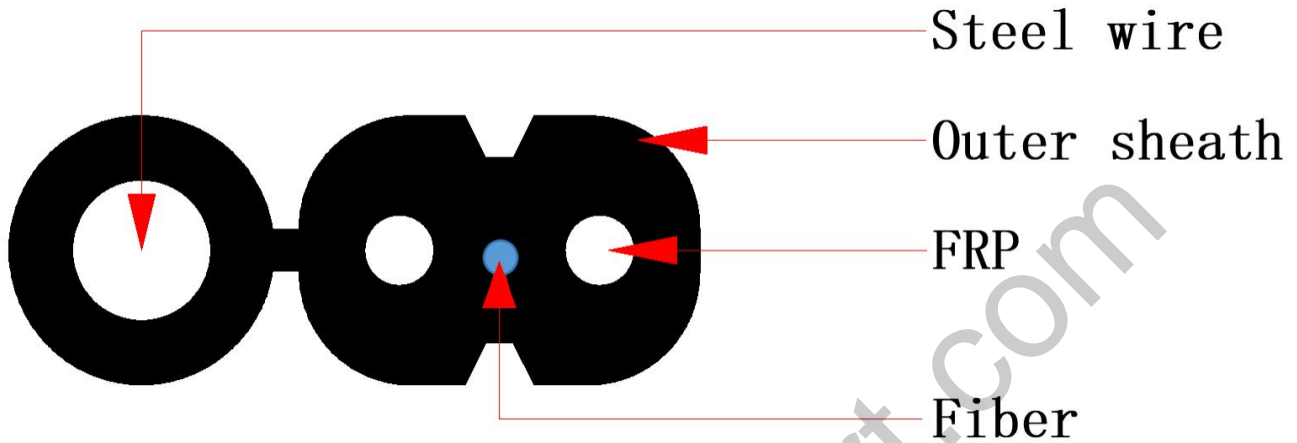


FTTH GJYXFCH 1F SM G657A1 LSZH Black 2.0x5.2

1. Cable structure:



2. Cable construction details :

Number of fiber		1F
Fiber type		G657A1
Strength member	Material	FRP
	Diameter (mm)	0.5mm
Self support Messenger	Material	Steel wire
	Diameter (mm)	1.0mm
Outer sheath	Material	LSZH
	Color	Black
	Diameter (mm)	(2.0±0.1)×(5.2±0.2)
Installation Temperature range (°C)		-10+60
Operation and transport temperature (°C)		-20+70
Storage temperature (°C)		-20+70
Min Bending Radius(mm)	Dynamic	20H
	Static	10H

Tensile Strength(N)	Long term	300
	Short term	600
Crush Load (N/100mm)	Long term	1000
	Short term	2000

3.Color of fiber

1
Blue

4.Fiber characteristic

Characteristics	Conditions	Specified Values	Unit
Attenuation	1310nm	≤0.4	dB/KM
	1550nm	≤0.3	dB/KM
Attenuation vs.Wavelength Max. adifference	1285-1330nm	≤0.03	dB/KM
	1525-1575nm	≤0.02	dB/KM
Zero dispersion wavelength		1300-1324	nm
Zero dispersion slope		≤0.092	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	8.8±0.4	nm
	1550nm	9.8±0.5	nm
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