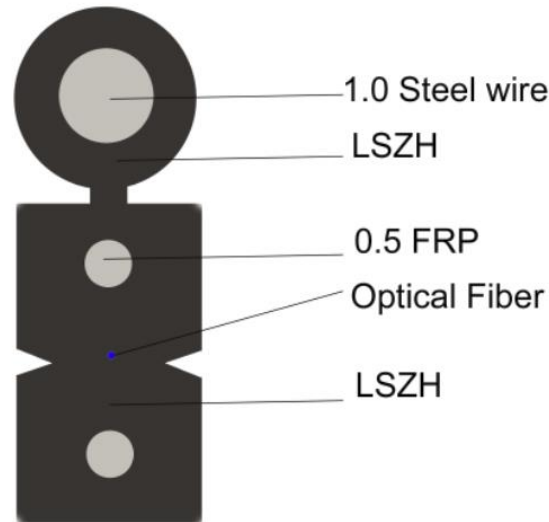


FTTH FLAT 1/2/4FO

1. CROSS SECTION



2. CABLE PARAMETERS

Item		1 FO	2 FO	4 FO
Fiber type		G657A	G657A	G657A
Fiber count		1	2	4
Structure		FLAT	FLAT	FLAT
Steel wire	Material	Steel wire	Steel wire	Steel wire
	Single wire diameter	1.0mm	1.0mm	1.0mm
FRP	Diameter	0.5mm*2pcs	0.5mm*2pcs	0.5mm*2pcs
Out sheath	Material	LSZH	LSZH	LSZH
Cable outer diameter		2*5±0.2 mm	2*5±0.2 mm	2*5±0.2 mm
Cable weight		20±2kg/km	20±2kg/km	20±2kg/km

Note:

No	1	2	3	4	5	6	7	8	9	10	11	12
Fiber color	blue	orange	green	brown	gray	white	red	black	yellow	purple	pink	aqua

3. FIBER CHARACTERISTICS G657A

Description	Specifications	
Attenuation	@ 1310 nm	<0.35 dB/KM
	@ 1550 nm	<0.21 dB/KM
Cladding Diameter	125±0.7 μm	
Cladding Non-Circularity	< 1.0%	
Mode Field Diameter	@ 1310 nm	9.2±0.4 μm
Cable Cutoff Wavelength(λ _{cc})	<1260 nm	
Attenuation vs. Wavelength	≤ 0.03 dB/km	
Zero Dispersion Wavelength (nm)	1300nm-1324nm	
Zero Dispersion Slope	≤0.090 ps/nm ² .km	

4.FIBER CABLE PHYSICAL CHARACTERISTICS

Tensile strength(N)		Crush Resistance (N/100mm)		Bending Radius (mm)		Operating Temperature(°C)	Application
Long term	Short term	Long term	Short term	Dynamic	Static	-40--+60	Aerial
300	600	1000	2200	≥30D	≥15D		