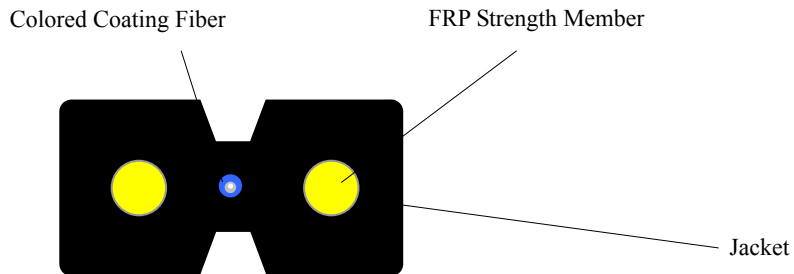


MegaF FTTH cable 1xG657A, 2xFRP, black, UV, OUT

Profile View



Fiber Parameters

No.	Items		Unit	Specification
				G.657A1
1	Mode Field Diameter	1310nm	μm	8.6±0.4
		1550nm	μm	9.6±0.5
2	Cladding Diameter		μm	125.0±0.7
3	Cladding Non-Circularity		%	≤0.7
4	Core-Cladding Concentricity Error		μm	≤0.5
5	Coating Diameter		μm	245±10
6	Coating Non-Circularity		%	≤6.0
7	Cladding-Coating Concentricity Error		μm	<12.0
8	Cable Cutoff Wavelength		nm	$\lambda_{cc} \leq 1260$
9	Attenuation (max.)	1310nm	dB/km	≤0.35
		1550nm	dB/km	≤0.24
10	Macro-Bending Loss	10turn×15mm radius @1550nm	dB	≤0.25
		10turn×15mm radius @1625nm	dB	≤1.0

Cable Parameters

Items		Specifications
Fiber Count		1
Colored Coating Fiber	Dimension	245±10μm
	Color	Blue/ Natrual
Strength Member	Dimension	0.5mm
	Material	FRP
Jacket	Dimension	3.0±0.1mm×2.0±0.1mm
	Material	LSZH
	Color	Black

Mechanical and Environmental Characteristics

Items	Unite	Specifications
Tension (Long Term)	N	40
Tension (Short Term)	N	80
Crush (Long Term)	N/10cm	500
Crush (Short Term)	N/10cm	1000
Min. Bend Radius (Dynamic)	mm	30
Min. Bend Radius (Static)	mm	15
Installation Temperature	□	-20~+60
Operating Temperature	□	-40~+70
Storage Temperature	□	-40~+70