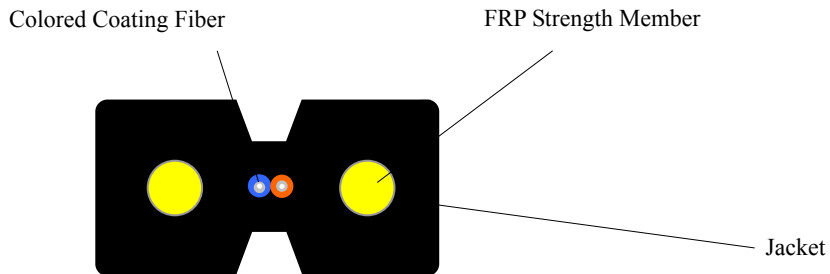


MegaF FTTH cable 2xG657A, 2xFRP, black, UV, OUT

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 \times 15mm radius @1550nm	dB	≤ 0.25
		10turn \times 15mm radius @1625nm	dB	≤ 1.0

Cable Parameters

Items		Specifications
Fiber Count		2
Colored Coating Fiber	Dimension	$245\pm 10\mu\text{m}$
	Color	Blue, Orange
Strength Member	Dimension	0.5mm
	Material	FRP
Jacket	Dimension	$3.0\pm 0.1\text{mm}\times 2.0\pm 0.1\text{mm}$
	Material	LSZH
	Color	Black

Mechanical and Environmental Characteristics

Items	Unit	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