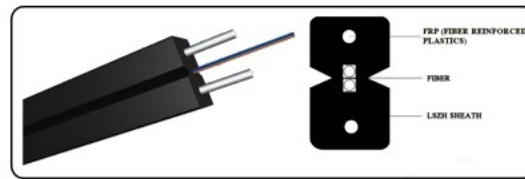


Cable 2 Fo SM G657A1 plano negro bobina 2Km



Fibra Óptica Monomodo G657.A, Plana de peso ligero, estructura simple, fácil de pelar sin necesidad de herramientas, fácil de instalar por conductos, gracias a sus dos laminas de acero.

Dos elementos de refuerzo paralelos de acero de peso ligero que protegen las fibras.

Recubrimiento exterior termoplástico libre de halógenos, con baja emisión de humos

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Fiber Parameters

No.	Items	Unit	Specification
			G.657A1
1	Mode Field Diameter	1310nm	9.0 ± 0.4
		1550nm	10.1 ± 0.5
2	Cladding Diameter	μm	124.8 ± 0.7
3	Cladding Non-Circularity	%	≤ 0.7
4	Core-Cladding Concentricity Error	μm	≤ 0.5
5	Coating Diameter	μm	245 ± 5
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	≤ 0.4
		1550nm	≤ 0.3
10	Macro-Bending Loss	1turn \times 10mm radius @1550nm	≤ 0.75
		1turn \times 10mm radius @1625nm	≤ 1.5

Cable Parameters

Items		Specifications
Fiber Count		2
Colored Coating Fiber	Dimension	$250 \pm 15 \mu\text{m}$
	Color	Natural
Strength Member	Dimension	0.45mm
	Material	Steel covered by copper
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	Unite	Specifications
Tension (Long Term)	N	40
Tension (Short Term)	N	80
Crush (Long Term)	N/10cm	300
Crush (Short Term)	N/10cm	1000
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Installation Temperature	$^{\circ}\text{C}$	-20 ~ +60
Operating Temperature	$^{\circ}\text{C}$	-40 ~ +70
Storage Temperature	$^{\circ}\text{C}$	-40 ~ +70

Ideal Technology has a policy of continuous improvement. Specifications are subject to change without notice.