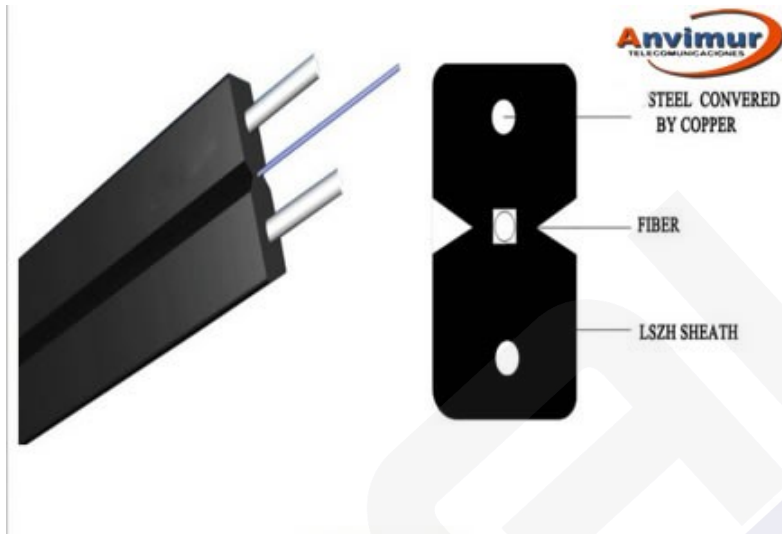


Cable 1Fo SM G657A1 plano negro bobina 2Km



Features

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

Fiber Parameters

No.	Items		Unit	Specification
				G.657A1
1	Mode Field Diameter	1310nm	μm	9.0±0.4
		1550nm	μm	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	dB/km	≤0.4
		1550nm	dB/km	≤0.3
10	Macro-Bending Loss	1turn×10mm radius @1550nm	dB	≤0.75
		1turn×10mm radius @1625nm	dB	≤1.5

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

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Cable Parameters

Items		Specifications
Fiber Count		1
Colored Coating Fiber	Dimension	250±15µm
	Color	Natural
Strength Member	Dimension	0.45mm
	Material	Steel covered by copper
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	300
Crush (Short Term)	N/10cm	1000
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Installation Temperature	°c	-20 ~ +60
Operating Temperature	°c	-40~+70
Storage Temperature	°c	-40~+70

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