

F60M-01A-LN-BR

F60M-01A-LN-2K

F60M-01A-LM-BR

F60M-01A-LM-2K

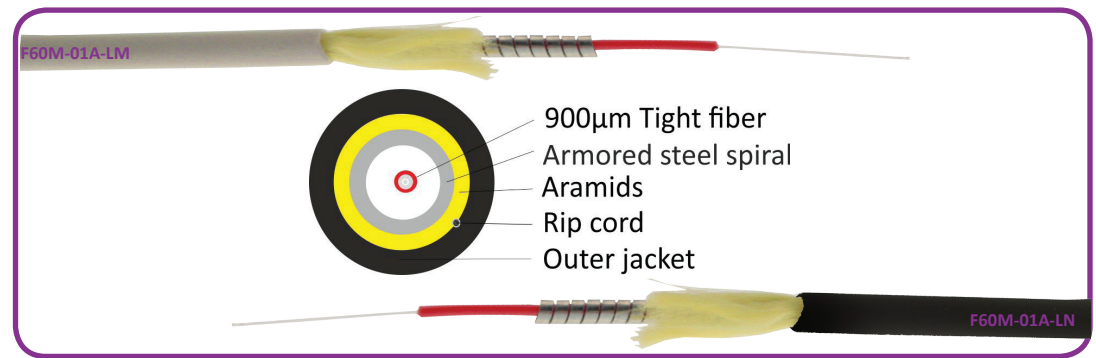
F60M-01A-LY-BR

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Single mode drop fiber with only 3mm of diameter it has a built-in spiral steel protection. Flexible design for an easy installation.

Outer sheath made of LSZH material. The spiral steel gives an exceptional protection against rodents and very suitable for installations where accurate high mechanical strength: facades, small aerial lines, ICT2 facilities, etc ... It is available F60M-02A-LM ~ F60M-02A-LN version with 2 fibers adjusted inside.

1 FO cable FTTh SM 9/125/900 G657A2 - 3mm LSZH Stainless steel armored



Technical specifications

References		F60M-01A-LN-BR F60M-01A-LN-2K	F60M-01A-LM-BR F60M-01A-LM-2K	F60M-01A-LY-BR F60M-01A-LY-2K
Structural specifications	Number of fibers	1		
	Diameter core and cladding	µm	9 / 125	
	Tight buffered fiber	Diameter	900 ±50	
		Material	LSZH-FR	
		Color	Red	
	Armored tube	Diameter	mm	1.70 ±0.1
		Material	Stainless steel	
	Rip cord	Material	Polyester yarn	
	Strenght member	Quantity	dtex	4x1100
		Material	Yarns of aramida	
	Outer jacket	External diameter	mm	3 ±0.1
		Thickness	mm	0.45
		Material	LSZH-FR-UV	
		Color	Black - RAL1004	Ivory-Pantone7500U Yellow - RAL1016

Fiber type	Singlemode G657A2	ITU-T G657 A2
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Optical characteristics	Parameter		Value		Method
	Mode field diameter	1310nm	μm	8.8 ± 0.4	IEC60793-1-45
		1550nm	μm	9.8 ± 0.5	IEC60793-1-45
	Cladding diameter		μm	124.8 ± 0.7	IEC60793-1-20
	No circularity of cladding		%	≤ 0.7	IEC60793-1-20
	Cladding concentricity error		μm	≤ 0.5	IEC60793-1-20
	Diameter over primary protection		μm	245 ± 5	IEC60793-1-21
	No circularity of the primary protection		%	≤ 6.0	IEC60793-1-21
	Concentricity error of the primary protection		μm	≤ 12	IEC60793-1-21
	Cutoff wavelength		nm	λ _{cc} ≤ 1260	IEC60793-1-44
	Attenuation (max)	1310nm	dB/km	≤ 0.4	IEC60793-1-40
		1550nm	dB/km	≤ 0.3	IEC60793-1-40
	Loss curvature radius	1 lap x radius 7,5mm @ 1550nm		dB	≤ 0.5
1 lap x radius 7,5mm @ 1625nm		dB	≤ 1.0	IEC60793-1-47	

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Características mecánicas y ambientales	Parameter	Value		Method
	Traction (static)	N	100	IEC60794-1-2 E1
	Traction (dynamic-installation)	N	200	IEC60794-1-2 E1
	Crushing strength (static)	N/10cm	3000	IEC60794-1-2 E3
	Crushing strength (dynamic-installation)	N/10cm	5000	IEC60794-1-2 E3
	Minimum bend radius (static)	mm	10 x Ø	IEC60794-1-2 E6
	Minimum bend radius (dynamic-installation)	mm	20 x Ø	IEC60794-1-2 E6
	Flame propagation FR	✓		IEC60332-1-2
	Low smoke LS	✓		IEC61034-2
	Low zero halogen ZH	✓		IEC60754
	UV Protection	✓		IEC60794-1-22 F14
	Installation temperature range	°C	-20 ~ 70	
	Operating temperature range	°C	-20 ~ 70	
	Storage temperature range	°C	-20 ~ 70	

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Packing		Individual reel+carton 1000m	Wooden reel 2000m
Weight	kg	14	



Standards and certificates

ITU-T·G·657 A2
IEC 60793
IEC-60794
UNE-EN 60332-1-2

RoHS
Compliant

Edition: 2 / January 2017

Features and specifications subject to change without notice.