

F10-G24TA-LN

F10-G24TA-LM

F10-G48TA-LN

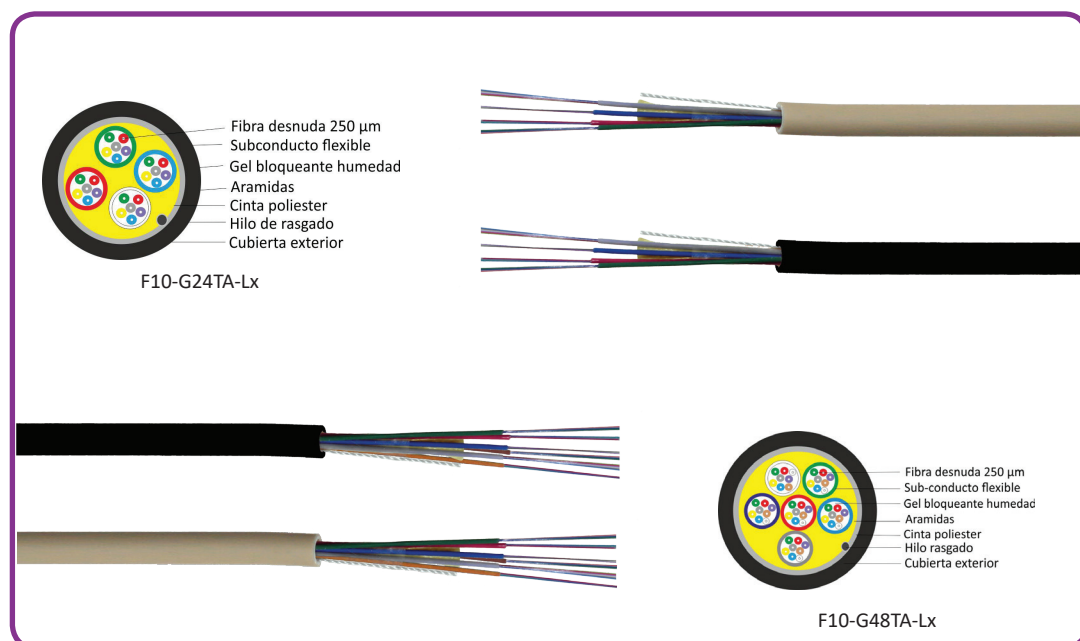
F10-G48TA-LM

Fiber cables SM flexible mono tube flexible without gel.

The fibers are protected by a grease easy to remove before fusing. The inner subduct is very flexible to facilitate handling.

This subduct can be removed without tools. The exterior jacket LSZH-FR-UV, allow outdoor installation, and installation in public concurrence centers.

Cable 24 o 48 FO SM G657A2, flex. distribution/riser LSZH-FR



Technical specifications

Características estructurales	References			F10-G24TA-LN	F10-G24TA-LM	F10-G48TA-LN	F10-G48TA-LM
	Number of fibers			24		48	
	Diameter core and cladding		μm	9 / 125			
	Fibers	Diameter	μm	250 ±15			
		Fibers/Subconduit		6		8	
		Colors		Green ,red, blue, white, grey, violet		Green ,red, blue, white, grey, violet, brown, orange	
	Strenght memeber	Quantity	dtex	10x3200			
		Material		Aramids			
	Subconduit	Total		4		6	
		Passive		0		0	
		Assets		4		6	
		Diameter	mm	1,2 ± 0,1			
		Material		LSZH-FR			
		Colors		Green ,red, blue, white		Green ,red, blue, white, grey, violet	
		Waterblocking gel		Silicone based low temperature application			
		Cinta envolvente	Material		Polyester		
	Hilo de rasgado	Material		Polyester yarns			
	Outer jacket	Outer Diameter	mm	8,0 ±0,2			
		Thickness	mm	1,5 ±0,1			
		Material		LSZH-FR-UV			
Color		Black	Ivory	Black	Ivory		

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Fiber type			Singlemode G657A2		ITU-T G657 A2	
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	
	Atenuation (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	IEC60793-1-47	
1 lap x radius 7,5mm @ 1625nm		dB	≤ 1.0	IEC60793-1-47		
Mechanical and environmental Specifications	Parameter		Value		Method	
	Traction (static)		N	500	IEC60794-1-2 E1	
	Traction (dynamic-installation)		N	1000	IEC60794-1-2 E1	
	Crushing strength (static)		N/10cm	100	IEC60794-1-2 E3	
	Crushing strength (dynamic-installation)		N/10cm	500	IEC60794-1-2 E3	
	Minimum bend radius (static)		mm	10 x Ø	IEC60794-1-2 E6	
	Minimum bend radius (dynamic-installation)		mm	30 x Ø	IEC60794-1-2 E6	
	Flame propagation		✓		IEC60332-1-2	
	Low smoke LS		✓		IEC61034-2	
	Low zero halogen ZH		✓		IEC60754	
	UV Protection		✓		IEC60794-1-22 F14	
	Installation temperature range		° C	-10 ~ 50		
	Operating temperature range		° C	-20 ~ 60		
	Storage temperature range		° C	-20 ~ 60		
References			F10-G24TA-LN	F10-G24TA-LM	F10-G48TA-LN	F10-G48TA-LM
Packing			Wooden reel 1000m			
Weight		kg	50			

Standards and certificates

ITU-T·G·657 A2
 IEC-60794
 IEC 60793
 IEC61034
 IEC60754
 IEC60332-1

RoHS

Compliant

Edition: 3 / February 2017

Features and specifications subject to change without notice.