

OPTICAL FIBER CABLES

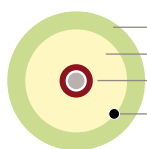
**CFO 1 900 · CFO 1 900N ·
CFO 1 900 ARM ·
CFO 2 600 ARM**



EKSELANS BY ITS

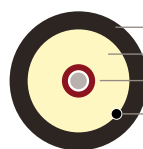


**CFO 1 900
Wooden coil**



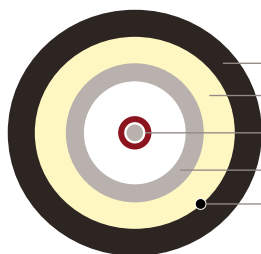
Outdoor jacket
Aramids
Tight fiber optics
Tear thread

CFO 1 900



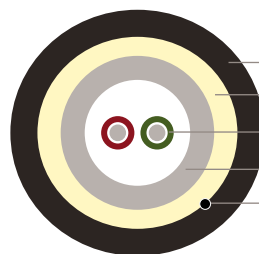
Outdoor jacket
Aramids
Tight fiber optics
Tear thread

CFO 1 900N



Outdoor jacket
Aramids
Tight fiber optics 900µm
Steel spiral assembly
Tear thread

CFO 1 900 ARM



Outdoor jacket
Aramids
Tight fiber optics 600 µm
Steel spiral assembly
Tear thread

CFO 2 600 ARM



TECHNICAL INFORMATION

REFERENCE			CFO 1 900	CFO 1 900N	CFO 1 900 ARM	CFO 2 600 ARM
Code			360016	360017	360018	360019
Fiber	Number of fibers		1	1	1	2
	Type of fiber		G.657A2			
	Field mode diameter @ 1310nm	μm	8,8±0,4	8,8±0,4	8,8±0,4	8,8±0,4
	Field mode diameter @ 1550nm	μm	9,8±0,5	9,8±0,5	9,8±0,5	9,8±0,5
	Cladding diameter	μm	124,8±0,7	124,8±0,7	124,8±0,7	124,8±0,7
	Cladding non-circularity	%	≤0,7	≤0,7	≤0,7	≤0,7
	Core-Cladding concentricity error	μm	≤0,5	≤0,5	≤0,5	≤0,5
	Cutoff wavelength	nm	≤1260	≤1260	≤1260	≤1260
	Attenuation @ 1310 nm	dB/Km	≤0,4	≤0,4	≤0,4	≤0,4
	Attenuation @ 1550 nm	dB/Km	≤0,3	≤0,3	≤0,3	≤0,3
	Macrobending loss @ 1 turn x 7,5mm radius @ 1550nm	dB	≤0,5	≤0,5	≤0,5	≤0,5
	Macrobending loss @ 1 turn x 7,5mm radius @ 1625nm	dB	≤1	≤1	≤1	≤1
Coating	Coating diameter	μm	245±5	245±5	245±5	245±5
	Coating non-circularity	%	≤6	≤6	≤6	≤6
	Cladding-coating concentricity error	μm	≤12	≤12	≤12	≤12
Buffer	Buffer diameter	μm	900±50	900±50	900±50	600±50
	Buffer material		LSZH	LSZH	LSZH	LSZH
	Buffer color(s)		●	●	●	●●
Hilado de refuerzo			Aramid	Aramid	Aramid	Aramid
Tear thread			Polyester	Polyester	Polyester	Polyester
Armored tube			-	-	Inox	Inox
Outer Jacket	Jacket diameter	mm	3 ± 0,1	3 ± 0,1	3 ± 0,1	3 ± 0,1
	Jacket thickness	mm	0,45	0,45	0,45	0,45
	Jacket type		FR-LSZH	FR-LSZH	FR-LSZH	FR-LSZH
	CPR Level		Dca	Dca	Dca	Dca
	Jacket color		●	●	●	●
General	Tension (Long term)	N	250	250	250	250
	Tension (Short term)	N	500	500	500	500
	Crush (Long term)	N/10cm	300	300	3000	3000
	Crush (Short term)	N/10cm	1000	1000	5000	5000
	Min. Bend Radius Dynamic	mm	30D	30D	20D	20D
	Min. Bend Radius Static	mm	10D	10D	10D	10D
	Installation temperature	°C	-20-60	-20-60	-20-60	-20-60
	Operative temperature	°C	-40-70	-40-70	-40-70	-40-70
	Storage temperature	°C	-40-70	-40-70	-40-70	-40-70
Presentation	Supply	-	500m coil	500m coil	500m coil	500m coil