

OPTICAL FIBER CABLES

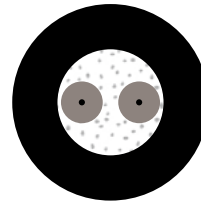
CFO 2 900 · CFO 2 900N
CFO 12 900 · CFO 24 900
CFO 48 900 · CFO 24 250
CFO 48 250



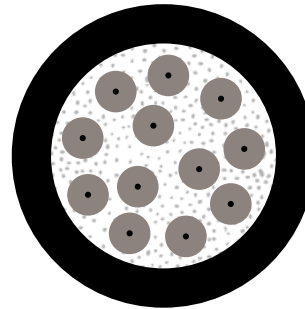
EKSELANS BY ITS



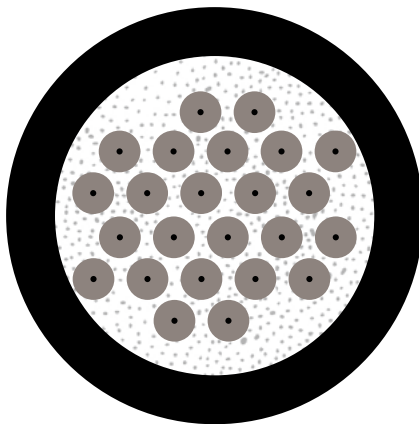
**CFO 48 900
DETAIL**



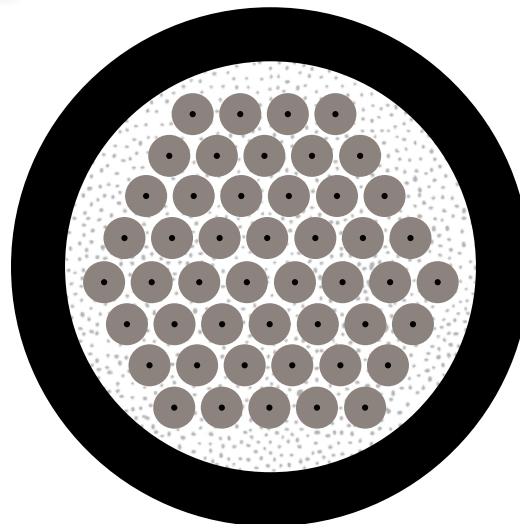
**CFO 2 900
CFO 2 900N**



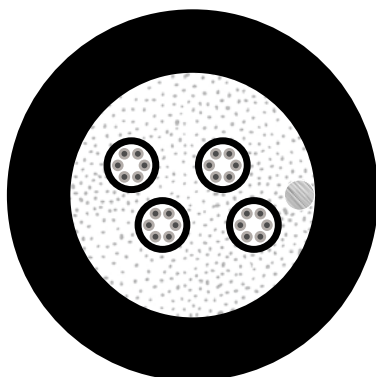
CFO 12 900



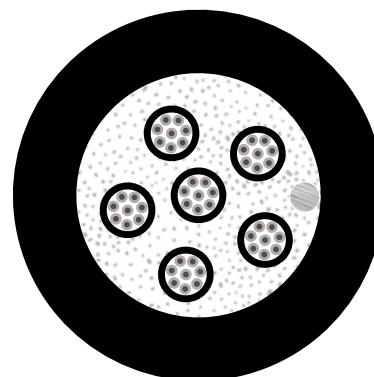
CFO 24 900



CFO 48 900


















CFO 24 250



CFO 48 250

TABLA TÉCNICA

REFERENCE		CFO 2 900	CFO 2 900N	CFO 12 900	CFO 24 900	CFO 48 900	CFO 24 250	CFO 48 250	
Code		360001	360008	360002	360003	360004	360005	360006	
Fiber	Number of fibers	2	2	12	24	48	24	48	
	Type of fiber	G.657.A2	G.657.A2	G.657.A2	G.657.A2	G.657.A2	G.657.A2	G.657.A2	
	Field mode diameter @ 1310nm	μm	8,8±0,4	8,8±0,4	8,8±0,4	8,8±0,4	8,8±0,4	8,6±0,4	8,6±0,4
	Field mode diameter @ 1550nm	μm	9,8±0,5	9,8±0,5	9,8±0,5	9,8±0,5	9,8±0,5	9,6±0,5	9,6±0,5
	Cladding diameter	μm	124,8±0,7	124,8±0,7	124,8±0,7	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	≤0,7	≤0,7	≤0,7
	Core-Cladding concentricity error	μm	≤0,5	≤0,5	≤0,5	≤0,5	≤0,5	≤0,5	≤0,5
	Cutoff wavelength	nm	≤1260	≤1260	≤1260	≤1260	≤1260	≤1260	≤1260
	Attenuation @ 1310 nm	dB/Km	≤0,4	≤0,4	≤0,4	≤0,4	≤0,4	≤0,4	≤0,4
	Attenuation @ 1550 nm	dB/Km	≤0,3	≤0,3	≤0,3	≤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	≤0,5	≤0,4	≤0,4
Macrobending loss @ 1 turn x 7,5mm radius @ 1625nm	dB	≤1	≤1	≤1	≤1	≤1	≤0,8	≤0,8	
Coating	Coating diameter	μm	245±5	245±5	245±5	245±5	245±5	245±5	
	Coating non-circularity	%	≤6	≤6	≤6	≤6	≤6	≤6	
	Cladding-coating concentricity error	μm	≤12	≤12	≤12	≤12	≤12	≤12	
	Coating color		-	-	-	-	-		
Buffer	Buffer diameter	μm	850±50	850±50	850±50	850±50	850±50	-	
	Buffer material		LSZH	LSZH	LSZH	LSZH	LSZH	-	
	Buffer color(s)					-	-	-	
Construction	Subelements		-	-	-	-	4 subconducts, 6 fibers	6 subconducts, 8 fibers	
	Subelements material		-	-	-	-	LSZH	LSZH	
	Subelement diameter	cm	-	-	-	-	1,2	1,2	
	Subelement thickness	mm	-	-	-	-	0,15	0,15	
Subelement colors		-	-	-	The other set of optical fibers has 1 black color ring printed	The other three sets of optical fibers has 1, 2, and 3 black color rings printed respectively			
Reinforcement yarns		Aramid	Aramid	Aramid	Kevlar	Kevlar	Kevlar	Kevlar	
Outer Jacket	Jacket diameter	mm	4,0±0,2	4,0±0,2	6,2±0,2	8,5±0,3	10,5±0,5	8,0±0,2	8,0±0,2
	Jacket thickness	mm	0,8	0,8	0,8	1	1,1	1,35	1,35
	Jacket type		FR-LSZH	Black PE	FR-LSZH	FR-LSZH	FR-LSZH	FR-LSZH	FR-LSZH
	CPR Level		Dca						
Jacket color									
Rip Cord	Material		-	-	-	-	-	Polyester	Polyester
	Thickness	mm	-	-	-	-	-	0,75	0,75
General	Tension (Long term)	N	250	250	250	500	600	500	500
	Tension (Short term)	N	500	500	500	1000	1200	1000	1000
	Crush (Long term)	N/10cm	300	300	300	300	300	100	100
	Crush (Short term)	N/10cm	1000	1000	1000	1000	1000	500	500
	Min. Bend Radius Dynamic	mm	10D	10D	10D	20D	20D	20D	20D
	Min. Bend Radius Static	mm	5D	5D	5D	10D	10D	10D	10D
	Installation temperature	°C	-20~60	-20~60	-20~60	-10~50	-10~50	-10~50	-10~50
	Operative temperature	°C	-40~70	-40~70	-40~70	-20~60	-20~60	-20~60	-20~60
Storage temperature	°C	-40~70	-40~70	-40~70	-20~60	-20~60	-20~60	-20~60	
Packaging	Reel length	m	500	500	2000	2000	1500	2000	1500
	Gross weight	Kg	13	13	85	162	184	150	136
	Full drum dimensions	cm	35x35x31	35x35x31	65x65x41	93x93x66	93x93x66	93x93x66	103x103x66
	Supply	-	500m coil	500m coil	Cut to size	Cut to size	Cut to size	Cut to size	Cut to size