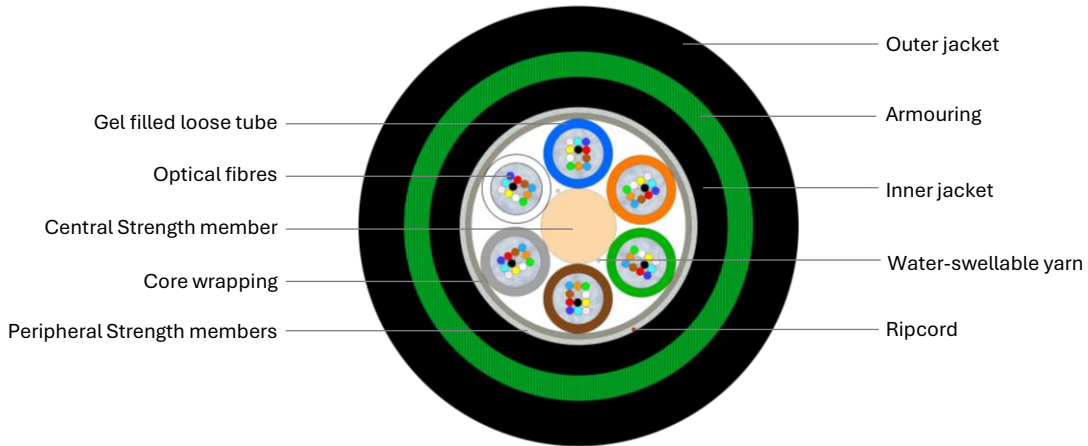


# Outdoor CST Armoured Multitube Cable-Double Jacket 12-288F(HC) MEMBER OF OPTOKON GROUP

Fiber optic cable with full protection against rodents for direct burial installation



Picture not to scale. For illustration only.

Fibre Type	G.652.D, G.657.A1, G.657.A2, G.655, OM1, OM2, OM3, OM4
Fibre colour	EIA/TIA-598A
Gel filled loose tube	Gel-filled PBT buffer tube
Tube colour	EIA/TIA-598A
Central strength member	FRP rod (PE coated if necessary)
Core wrapping	Water-swappable tape
Peripheral strength members	Water-swappable glass yarns
Inner jacket material	UV resistant black PE
Ripcord	1x under inner jacket
Armouring	Corrugated steel tape, longitudinally under jacket
Outer jacket material	UV resistant black HDPE

	12	24	48	60	72	96	144	288	
Number of fibres	12	24	48	60	72	96	144	288	
Number of fibres in tube	12	12	12	12	12	12	12	12	
Tube count (layers)	1	2	4	5	6	8	12	24(9+15)	
Filler count	4	3	1	0	0	0	0	0	
Nominal outer diameter (mm)	13.9	13.9	13.9	13.9	14.6	16.8	19.0	21.6	
Inner jacket thickness (mm)					1.0				
Outer jacket thickness (mm)					1.5				
Calc. cable weight (kg/km)	164	166	170	172	192	234	310	385	
Short-term tensile strength (N)	2400	2400	2400	2400	3600	4800	5500	4700	IEC 60794-1-101
Long-term tensile strength (N)	500	500	500	500	1000	1900	2500	1800	IEC 60794-1-101
Short-term crush resistance (N/100 mm)					5000				IEC 60794-1-103
Long-term crush resistance (N/100 mm)					1500				IEC 60794-1-103
Max. impact loading (Nm)					30				IEC 60794-1-104
Min. bend radius not load (OD)					15				IEC 60794-1-111
Min. bend radius load (OD)					20				IEC 60794-1-111
Operating temperature range (°C)					-40 to +70				IEC 60794-1-201
Storage temperature range (°C)					-40 to +70				IEC 60794-1-201
Installation temperature range (°C)					-15 to +50				IEC 60794-1-201
Water tightness (1 m / 24 hrs.)					No leakage (without armouring)				IEC 60794-1-205
Class of fire reaction					Fca				EN 50575, EN 13501-6

Number of Fibers	Cable Code (Ordering Code)	Delivery length	Packing
12	OPK-O-MTFDS-12(5x2.3)LTGPXP-xx-BK	2100 m ± 5%, 4200 m ± 5%	Solid wooden non-returnable drum
24	OPK-O-MTFDS-24(5x2.3)LTGPXP-xx-BK	2100 m ± 5%, 4200 m ± 5%	Solid wooden non-returnable drum
48	OPK-O-MTFDS-48(5x2.3)LTGPXP-xx-BK	2100 m ± 5%, 4200 m ± 5%	Solid wooden non-returnable drum
60	OPK-O-MTFDS-60(5x2.3)LTGPXP-xx-BK	2100 m ± 5%, 4200 m ± 5%	Solid wooden non-returnable drum
72	OPK-O-MTFDS-72(6x2.3)LTGPXP-xx-BK	2100 m ± 5%, 4200 m ± 5%	Solid wooden non-returnable drum
96	OPK-O-MTFDS-96(8x2.3)LTGPXP-xx-BK	2100 m ± 5%, 4200 m ± 5%	Solid wooden non-returnable drum
144	OPK-O-MTFDS-144(12x2.3)LTGPXP-xx-BK	2100 m ± 5%, 4200 m ± 5%	Solid wooden non-returnable drum
288	OPK-O-MTFDS-288(24x2.3)LTGPXP-xx-BK	2100 m ± 5%, 4200 m ± 5%	Solid wooden non-returnable drum

xx – fibre type (see Cable code datasheet)

Print legend: Manufacturer - Cable type – lot number- length marking per 1 m (customer print legend available on request)

Note: Cable marking using the Hot-foil method is done in white. If overprinting is necessary, the color of the text is yellow.