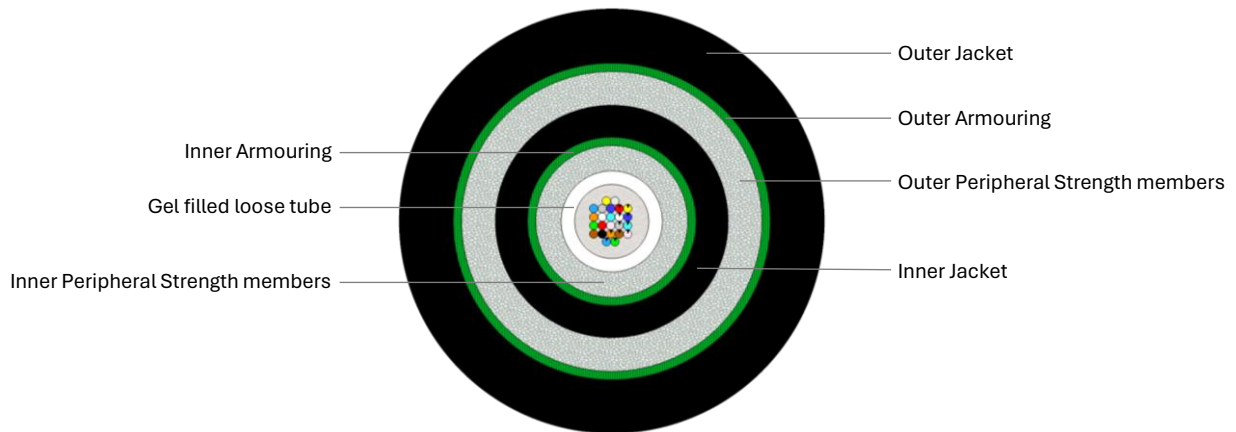


# Outdoor Double CST armoured Unitube Cable (GC)

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



Fibre Type	G.652.D, G.657.A1, G.657.A2, G.655, OM1, OM2, OM3
Fibre colour 1 - 12	EIA/TIA-598A
Tube colour	Natural / White
Filling compound	Non-dripping and silicon-free gel
Inner peripheral strength members	Water-swellable glass yarns
Inner Armouring	Corrugated steel tape, longitudinally under jacket
Inner jacket material	UV resistant black PE
Outer peripheral strength members	Water-swellable glass yarns
Outer Armouring	Corrugated steel tape, longitudinally under jacket
Outer jacket material	UV resistant black HDPE
Outer jacket thickness	1.6 mm

Number of fibres	2	4	6	8	12	16	24	
Tube count (layers)	1	1	1	1	1	1	1	
Tube diameter (mm)	3.0							
Nominal outer diameter (mm)	12.4							
Outer jacket thickness (mm)	1.5							
Calc. cable weight (kg/km)	174	174	174	174	174	175	175	
Short-term tensile strength (N)	3000							IEC 60794-1-101
Long-term tensile strength (N)	900							IEC 60794-1-101
Short-term crush resistance (N/100 mm)	5000							IEC 60794-1-103
Long-term crush resistance (N/100 mm)	1500							
Max. impact loading (Nm)	30							IEC 60794-1-104
Min. bend radius not load (mm)	240							IEC 60794-1-111
Min. bend radius load (mm)	350							IEC 60794-1-111
Operating temperature range (°C)	-20 to +70							IEC 60794-1-201
Storage temperature range (°C)	-40 to +70							IEC 60794-1-201
Installation temperature range (°C)	-5 to +50							IEC 60794-1-201
Water tightness (1 m / 24 hrs.)	No leakage							IEC 60794-1-205
Class of fire reaction	Fca							EN 50575, EN 13501-6

Number of Fibers	Cable Code (Ordering Code)	Delivery length	Packing
2	OPK-O-CTFS-2(1x3.0)LTGXPGXP-xx-BK	2100 m ± 5% , 4200 m ± 5%	Solid wooden non-returnable drum
4	OPK-O-CTFS-4(1x3.0)LTGXPGXP-xx-BK	2100 m ± 5% , 4200 m ± 5%	Solid wooden non-returnable drum
6	OPK-O-CTFS-6(1x3.0)LTGXPGXP-xx-BK	2100 m ± 5% , 4200 m ± 5%	Solid wooden non-returnable drum
8	OPK-O-CTFS-8(1x3.0)LTGXPGXP-xx-BK	2100 m ± 5% , 4200 m ± 5%	Solid wooden non-returnable drum
12	OPK-O-CTFS-12(1x3.0)LTGXPGXP-xx-BK	2100 m ± 5% , 4200 m ± 5%	Solid wooden non-returnable drum
16	OPK-O-CTFS-16(1x3.0)LTGXPGXP-xx-BK	2100 m ± 5% , 4200 m ± 5%	Solid wooden non-returnable drum
24	OPK-O-CTFS-24(1x3.0)LTGXPGXP-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.