

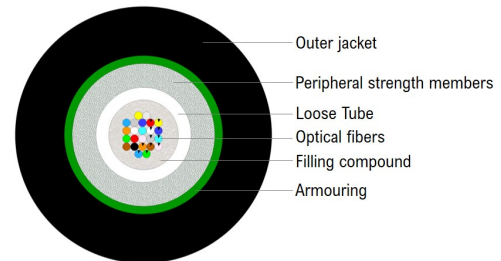
Universal CST armoured Unitube Cable (GC)

Description:

Universal CST armoured Unitube Cable (GC)

Rev. 0027-20/46

Fibre optic cable with full protection against rodents for direct burial installation.



Specifications:

Fiber count	Up to 24
Fiber Type	G.652.D, G.657.A1, G.655, OM1, OM2, OM2+, OM3, OM4
Fiber colour	1-12 Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua 13-24 Blue ^{BS} , Orange ^{BS} , Green ^{BS} , Brown ^{BS} , Grey ^{BS} , White ^{BS} , Red ^{BS} , Natural, Yellow ^S , Violet ^{BS} , Pink ^{BS} , Aqua ^{BS} (BS Black strip)
Tube	Gel-Filled PBT buffer tube
Tube colour	Natural / White
Filling compound	Thixotropic Jelly Compound
Peripheral strength members	Water-swallowable Glass yarn
Armouring	Corrugated steel tape, longitudinally under jacket
Outer jacket	UV resistant Thermoplastic FR-LSHF compound according to BS 7878:7 and DIN VDE 0207, part 24, type HM2
Outer jacket thickness	1.2 mm

Max. Loading (Short Term)	700	[N]	EN 60794-1-21-E1
Max. Loading (Long Term)	290	[N]	EN 60794-1-21-E1
Max. compressive loading	2500	[N]	EN 60794-1-21-E3
Max. Impact loading	25	[Nm]	EN 60794-1-21-E4
Min. bend radius not load	15	[OD]	EN 60794-1-21-E11
Min. bend radius load	20	[OD]	EN 60794-1-21-E11
Operating temperature range	-20 to +70	[°C]	EN 60794-1-22-F1
Storage temperature range	-40 to +70	[°C]	EN 60794-1-22-F1
Installation temperature range	-5 to +50	[°C]	EN 60794-1-22-F1
Water penetration	Pass	[3m/24 hrs.]	EN 60794-1-22-F5

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Class of fire reaction	F _{ca}		EN 13501-6
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Ordering code:

Fiber count	Cable Code (Ordering Code)	Tube diameter	Cable outer diameter	Max. Loading Short Term	Max. Loading Long Term	Approx. Cable Weight
2	OPK-U-CTFS-2(1x3,0)LTGXH-xx-BK	3.0 mm	7.5 mm	1000 N	250 N	77 kg/km
4	OPK-U-CTFS-4(1x3,0)LTGXH-xx-BK	3.0 mm	7.5 mm	1000 N	250 N	77 kg/km
6	OPK-U-CTFS-6(1x3,0)LTGXH-xx-BK	3.0 mm	7.5 mm	1000 N	250 N	77 kg/km
8	OPK-U-CTFS-8(1x3,0)LTGXH-xx-BK	3.0 mm	7.5 mm	1000 N	250 N	77 kg/km
12	OPK-U-CTFS-12(1x3,0)LTGXH-xx-BK	3.0 mm	7.5 mm	1000 N	250 N	77 kg/km
16	OPK-U-CTFS-16(1x3,0)LTGXH-xx-BK	3.0 mm	7.5 mm	1000 N	250 N	78 kg/km
24	OPK-U-CTFS-24(1x3,0)LTGXH-xx-BK	3.0 mm	7.5 mm	1000 N	250 N	78 kg/km

xx - fiber type (see Cable code datasheet)

Marking Method: Ink-Jet

Print legend:

OPK -cable type - lot number- length marking per 1 m (customer print legend available on request)

Delivery length:

2000 m, 4000 m, 6000 m, 8000 m ±5% on plywood reel or solid wooden non-returnable drum