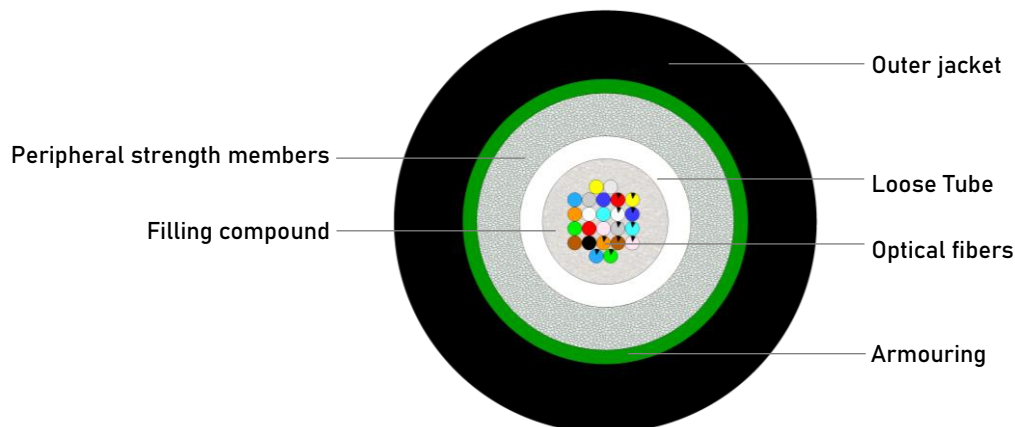


Universal CST armoured Unitube Cable (GC)

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



Fiber count	Up to 24
Fiber Type	G.652.D, G.657.A1, G.655, OM1, OM2, OM2+, OM3, OM4, OM5
Fibre colour 1-12	Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua
Fibre colour 13-24	Blue ^{BS} , Orange ^{BS} , Green ^{BS} , Brown ^{BS} , Grey ^{BS} , White ^{BS} , Red ^{BS} , Natural, Yellow ^{BS} , Violet ^{BS} , Pink ^{BS} , Aqua ^{BS}
Tube	Gel-Filled PBT buffer tube
Tube colour	Natural / White
Filling compound	Thixotropic Jelly Compound
Peripheral strength members	Water-swellable Glass yarn
Armouring	Corrugated steel tape, longitudinally under jacket
Outer jacket	UV resistant Halogen-free flame-retardant thermoplastic compound
Outer jacket thickness	1.2 mm

^{BS} Black strip

Nominal outer diameter	7.5	[mm]	
Tube diameter	3.0	[mm]	
Max. Tensile Loading (Short Term)	1000	[N]	EN 60794-1-21-E1
Max. Tensile Loading (Long Term)	250	[N]	EN 60794-1-21-E1
Max. compressive loading	3000	[N]	EN 60794-1-21-E3
Max. Impact loading	20	[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	-30 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
Class of fire reaction	E _{ca}		EN 13501-6

Fiber count	Cable Code (Ordering Code)	Cable Weight (calc.)
2	OPK-U-CTFS-2(1x3,0)LTGXH-xx-BK	74 kg/km
4	OPK-U-CTFS-4(1x3,0)LTGXH-xx-BK	74 kg/km
6	OPK-U-CTFS-6(1x3,0)LTGXH-xx-BK	74 kg/km
8	OPK-U-CTFS-8(1x3,0)LTGXH-xx-BK	74 kg/km
12	OPK-U-CTFS-12(1x3,0)LTGXH-xx-BK	74 kg/km
16	OPK-U-CTFS-16(1x3,0)LTGXH-xx-BK	75 kg/km
24	OPK-U-CTFS-24(1x3,0)LTGXH-xx-BK	75 kg/km

xx - fiber type (see Cable code datasheet)

Print legend Manufacturer - Cable type - lot number- length marking per 1 m (customer print legend available on request)
 Delivery length 2100 m, 4200, 8400 m ±5% on plywood reel