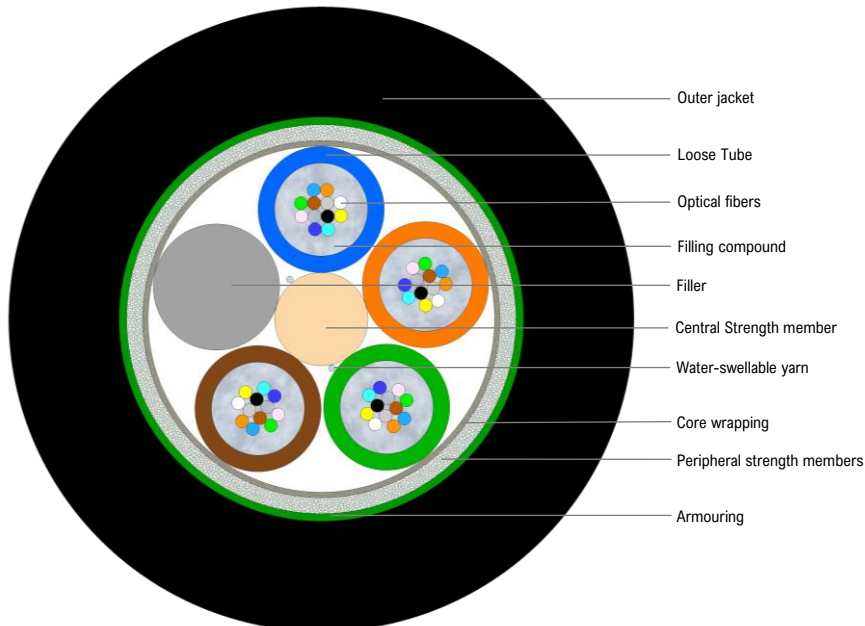


# Indoor/ Outdoor CST Armoured Multi-tube Cable 48F (HC)

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



Fiber count	48
Fiber Type	G.652.D, G.657.A1, G.657.A2, G.655, G.656, OM1, OM2, OM3, OM4
Fiber color	Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua
Tube	Gel-Filled PBT buffer tube
Tube color	Blue, Orange, Green, Brown
Tube filling compound	Thixotropic Jelly Compound
Central strength member	FRP rod
Core wrapping	Water-swallowable tape
Peripheral strength members	Water-swallowable glass yarns
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	1.5 mm

Cable outer diameter	11.4	[mm]
Tube count	4	
Filler count	1	
Max. Loading (Short Term)	1800	[N]
Max. Loading (Long Term)	480	[N]
Max. compressive loading	3500	[N]
Max. Impact loading	25	[Nm]
Min. bend radius not load	15	[OD]
Min. bend radius load	20	[OD]
Operating temperature range	-40 to +70	[°C]
Storage temperature range	-40 to +70	[°C]
Installation temperature range	-15 to +50	[°C]
Cable Weight (calc.)	156	[kg/km]
Class of fire reaction	F <sub>ca</sub>	

Test standards: EN 60793-1, EN 60794-1-21, EN 60794-1-22, EN 13501-6

Cable Code (Ordering Code)	OPK-U-MTFDS-48(5x2.3)LTGXH-xx-BK	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 ±5% on plywood reel or solid wooden non-returnable drum	