

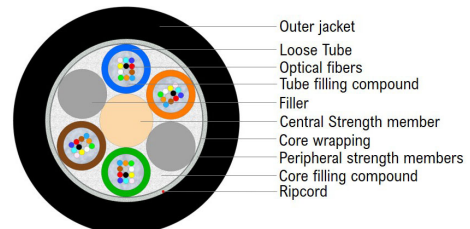
## Outdoor Gel-Filled Multitube Cable 48F (HC)

### Description:

#### Outdoor Gel-Filled Multitube Cable 48F (HC)

##### Rev. 0177-20/23

Fully dielectric cable for external installation on cable trays or into duct by pulling, space between the tubes is filled by gel



### Specifications:

Fiber count	48
Fiber Type	G.652.D, G.657.A1, G.657.A2, G.655, G.656, OM1, OM2, 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 filling compound	Medium-viscosity filling compound
Core wrapping	Polyester foil
Peripheral strength members	Water-swellaable glass yarns
Ripcord	1x under outer jacket
Outer jacket	UV resistant black HDPE
Jacket thickness	1.5 mm

Cable outer diameter	10.6	[mm]
Tube count	4	
Filler count	2	
Max. Loading (Short Term)	2800	[N]
Max. Loading (Long Term)	1000	[N]
Max. compressive loading	2000	[N]
Max. Impact loading	20	[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.)	98	[kg/km]
Class of fire reaction	F <sub>ca</sub>	
Test standards: EN 60790-1, EN 60794-1-21, EN 60794-1-22, EN 13501-6		

**Ordering code:**

**OPK-O-MTFFS-48(6x2.3)LTGP-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