

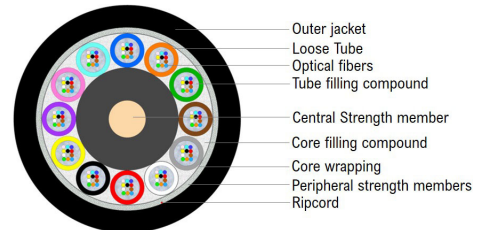
## Outdoor Gel-Filled Multitube Cable 144F (HC)

### Description:

#### Outdoor Gel-Filled Multitube Cable 144F (HC)

##### Rev. 0181-20/23

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	144
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, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua
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	15.3	[mm]
Tube count	12	
Filler count	0	
Max. Loading (Short Term)	4500	[N]
Max. Loading (Long Term)	2800	[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.)	201	[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-144(12x2.3)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:** 2100 m, 4200 m ±5% on plywood reel or solid wooden non-returnable drum