

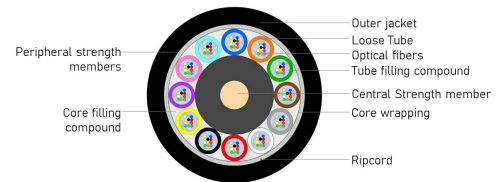
Outdoor Gel-Filled Multitube Cable 144F (HC)

Description:

Outdoor Gel-Filled Multitube Cable 144F (HC)

Rev. 0181-22/38

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, OM5
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	Low-viscosity filling gel
Central strength member	PE coated FRP rod
Core filling compound	Medium-viscosity filling compound
Core wrapping	Polyester foil
Peripheral strength members	Water-swallowable glass yarns
Ripcord	1x under outer jacket
Outer jacket	UV resistant black HDPE
Jacket thickness	1.5 mm

Nominal outer diameter	15.0	[mm]	
Tube count		12	
Filler count		0	
Max. Tensile Loading (Short Term)	4600	[N]	EN 60794-1-21-E1
Max. Tensile Loading (Long Term)	2100	[N]	EN 60794-1-21-E1
Max. compressive loading	2000	[N/10cm]	EN 60794-1-21-E3
Max. Impact loading	20	[Nm]	EN 60794-1-21-E4
Min. bend radius (no load)	15	[OD]	EN 60794-1-21-E11
Min. bend radius (maximum load)	20	[OD]	EN 60794-1-21-E11

Operating temperature range	-40 to +70	[°C]	EN 60794-1-22-F1
Storage temperature range	-40 to +70	[°C]	EN 60794-1-22-F1
Installation temperature range	-15 to +50	[°C]	EN 60794-1-22-F1
Water tightness	No water detected on free end		EN 60794-1-22-F5
Cable Weight (calc.)	188	[kg/km]	
Class of fire reaction	Fca		EN 13501-6

Ordering code:

OPK-O-MTFFS-144(12x2.3)LTGP-xx-BK

xx - fiber type (see Cable code datasheet)

Marking Manufacturer - cable type - batch number - length marking

Delivery length 2100 m, 4200 m ±5% on plywood reel or solid wooden non-returnable drum