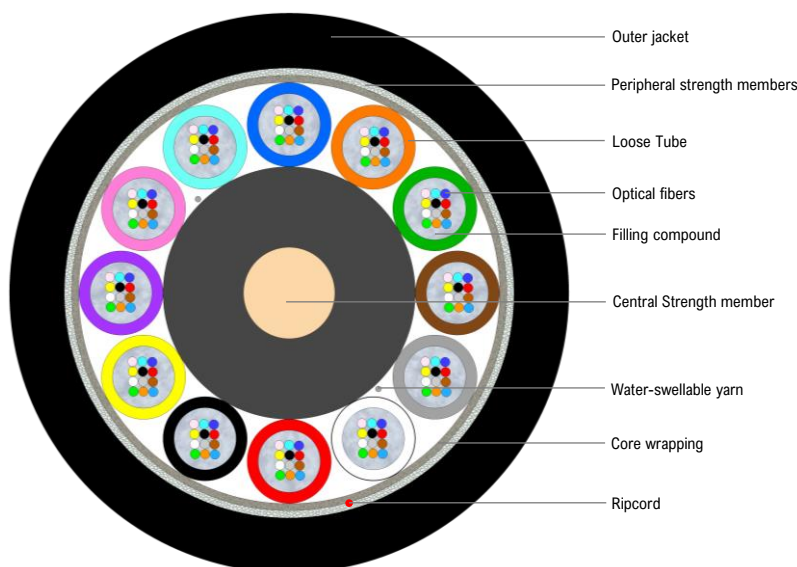


Universal Multitube Cable 144F (HC)

Full dielectric cable for external or internal installation on cable trays or into duct by pulling



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	Thixotropic Jelly Compound
Central strength member	PE coated FRP rod
Core wrapping	Water-swellaable tape
Peripheral strength members	Water-swellaable glass yarns
Ripcord	1x under outer jacket
Outer jacket	UV resistant Thermoplastic FR-LSHF compound according to BS 7878:7 and DIN VDE 0207, part 24, type HM2
Jacket thickness	2.0 mm

Cable outer diameter	16.4	[mm]
Tube count	12	
Filler count	0	
Max. Loading (Short Term)	6500	[N]
Max. Loading (Long Term)	4000	[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.)	251	[kg/km]
Class of fire reaction	F _{ca}	

Test standards: EN 60790-1, EN 60794-1-21, EN 60794-1-22, EN 13501-6

Cable Code (Ordering Code)	OPK-U-MTFDS-144(12x2.3)LTGH-xx-yy	xx – fiber type, yy – jacket colour (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	