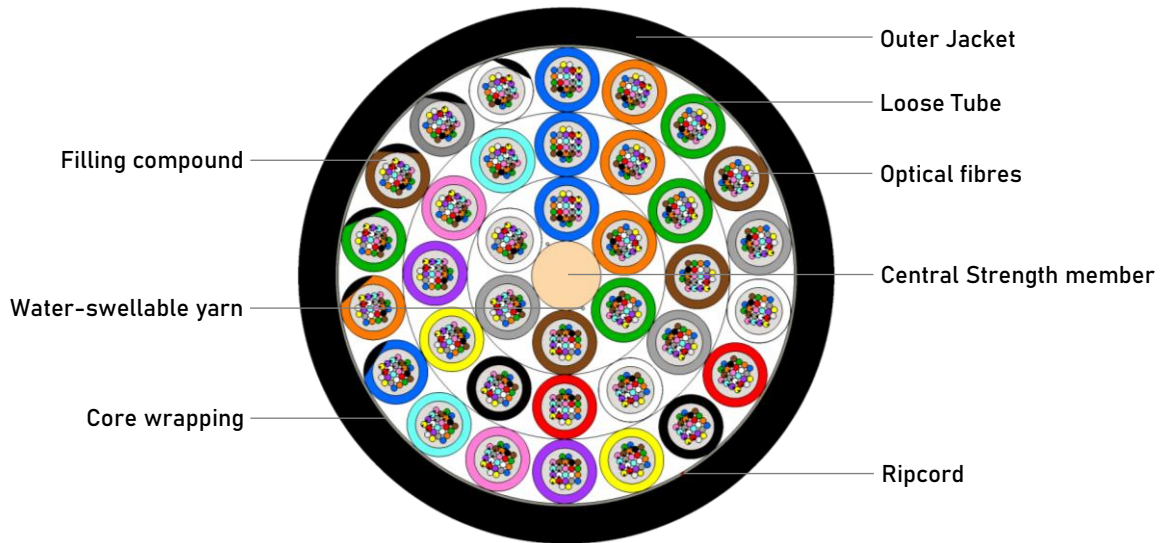


# Outdoor Multitube Cable 864F (ZC)

Full dielectric cable for external installation on cable trays or into duct



Fiber count	864 (36x24)
Fiber Type	G.652.D, G.657.A1, G.657.A2, G.655, G.656, OM1, OM2, OM2+, OM3, OM4, OM5
Fiber color 1-12	Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua
Fiber color 13-24	Blue <sup>BS</sup> , Orange <sup>BS</sup> , Green <sup>BS</sup> , Brown <sup>BS</sup> , Grey <sup>BS</sup> , White <sup>BS</sup> , Red <sup>BS</sup> , Natural, Yellow <sup>BS</sup> , Violet <sup>BS</sup> , Pink <sup>BS</sup> , Aqua <sup>BS</sup> ( <sup>BS</sup> Black strip)
Tube	Gel-Filled PBT buffer tube
Tube color – inner layer	Blue, Orange, Green, Brown, Grey, White
Tube color – middle layer	Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua
Tube color – outer layer	Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua, Blue <sup>BS</sup> , Orange <sup>BS</sup> , Green <sup>BS</sup> , Brown <sup>BS</sup> , Grey <sup>BS</sup> , White <sup>BS</sup> ( <sup>BS</sup> Black strip)
Tube filling compound	Low-viscosity filling gel
Central strength member	PE coated FRP rod
Core wrapping	Water-swellable tape
Ripcord	1x under outer jacket
Outer jacket	UV resistant black MDPE
Jacket thickness	1.5 mm

Cable outer diameter	21.7	[mm]	
Tube count	36 (6+12+18)		
Filler count	0		
Max. Tensile Loading (Short Term)	2500	[N]	EN 60794-1-21-E1
Max. Tensile Loading (Long Term)	1050	[N]	EN 60794-1-21-E1
Max. compressive loading	1000	[N/10cm]	EN 60794-1-21-E3
Max. Impact loading	5	[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.)	359	[kg/km]	
Class of fire reaction	F <sub>ca</sub>		EN 13501-6

Cable Code (Ordering Code)      OPK-0-MTFDS-864(36x2.6)LTP-xx-BK      xx - fiber type (see Cable code datasheet)

Print legend      Manufacturer –cable type – lot number- length marking per 1 m      (customer print legend available on request)  
 Delivery length      2100 m ±5% on plywood reel or solid wooden non-returnable drum