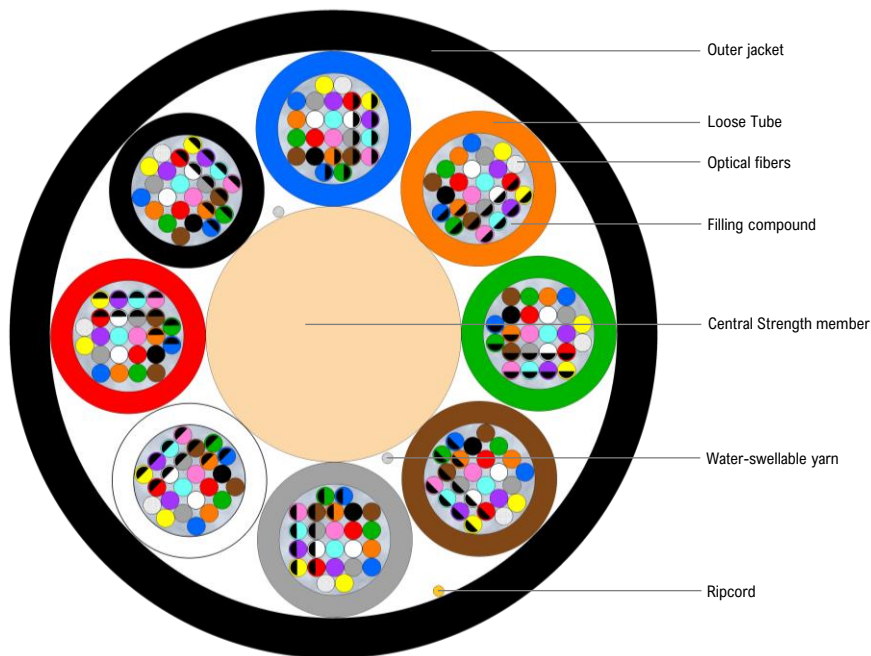


# Outdoor Multitube Micro Cable 192F (NC)

Cable for external installation by air-blowing technique



Fiber count	192
Fiber Type	G.657.A1 200 µm
Fiber color	1-12 Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua 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> (BS = Black strip)
Tube	Gel-Filled PBT buffer tube
Tube color	Blue, Orange, Green, Brown, Grey, White, Red, Black
Tube filling compound	Low-viscosity filling compound
Central strength member	FRP rod
Ripcord	1x under outer jacket
Outer jacket	UV resistant black HDPE
Outer jacket thickness	0.45 mm

Cable outer diameter	7.1	[mm]	
Tube count	8		
Filler count	0		
Max. Loading (Short Term)	1000	[N]	EN 60794-1-21-E1
Max. Loading (Long Term)	120	[N]	EN 60794-1-21-E1
Max. compressive loading	500	[N]	EN 60794-1-21-E3
Max. Impact loading	2	[Nm]	EN 60794-1-21-E4
Min. bend radius not load	15	[OD]	EN 60794-1-21-E11
Min. bend radius load	20	[OD]	EN 60794-1-21-E11
Operating temperature range	-30 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
Cable Weight (calc.)	50	[kg/km]	
Class of fire reaction	F <sub>ca</sub>		EN 13501-6

Test standards: EN 60793-1, EN 60794-1-21, EN 60794-1-22, EN 13501-6

Cable Code (Ordering Code)	OPK-O-MTFDM-192(8x1,7)LTP-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, 6000 m ±5% on plywood reel or solid wooden non-returnable drum	