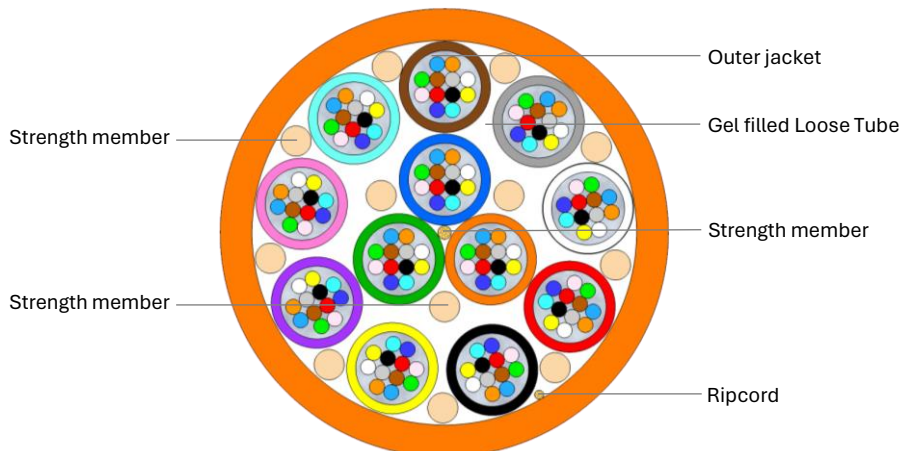


OPK-O-MTFDM-144(12x1.2)LTTN

Cable for external installation by air-blowing technique



Fibre count	144
Fiber Type	G.657.A1 200µm
Fiber color	Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua
Tube	Gel-Filled PBT buffer tube
Tube color in inner layer	Blue, Orange, Green
Tube color in outer layer	Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua
Tube filling compound	Thixotropic Jelly Compound
Strength member	FRP rods
Ripcord	1x under outer jacket
Outer jacket	Orange UV resistant Polyamide
Jacket thickness	0.4 mm
Nominal outer diameter	5.9 mm
Cable Weight (calc.)	30 kg/km

Max. tensile strength (Short Term)	220 N	EN 60794-1-21-E1 (since 2024-02-19 new IEC 60794-1-101)
Max. tensile strength (Long Term)	50 N	EN 60794-1-21-E1 (since 2024-02-19 new IEC 60794-1-101)
Crush resistance	200 N/100 mm	EN 60794-1-21-E3 (since 2024-02-19 new IEC 60794-1-103)
Max. Impact loading	2 Nm	EN 60794-1-21-E4 (since 2024-02-19 new IEC 60794-1-104)
Min. bend radius not load	85 mm	EN 60794-1-21-E11 (since 2024-02-19 new IEC 60794-1-111)
Min. bend radius load	150 mm	EN 60794-1-21-E1 1 (since 2024-02-19 new IEC 60794-1-111)
Operating temperature range	-30°C to +70°C	EN 60794-1-22-F1 (since 2024-02-19 new IEC 60794-1-201)
Storage temperature range	-40°C to +70°C	EN 60794-1-22-F1 (since 2024-02-19 new IEC 60794-1-201)
Installation temperature range	-10°C to +50°C	EN 60794-1-22-F1 (since 2024-02-19 new IEC 60794-1-201)
Water tightness	No leakage	EN 60794-1-22-F5C (since 2024-02-19 new IEC 60794-1-205)
Class of fire reaction	Fca	EN 50575, EN 13501-6

Attenuation @Wavelength	1310 / 1550 / 1625	[nm]
Typical Attenuation	0.33 / 0.23 / 0.24	[dB/km]
Maximum Attenuation	0.38 / 0.26 / 0.28	[dB/km]

Typical attenuation is the value measured for at least 90% of the fibers in the cable.

Cable Code (Ordering Code)	OPK-O-MTFDM-144(12x1.2)LTTN-200A1-OG
Print legend	Manufacturer - Cable type – lot number- length marking per 1 m (customer print legend available on request)
Delivery length	2100, 4200 m ±5% on plywood reel