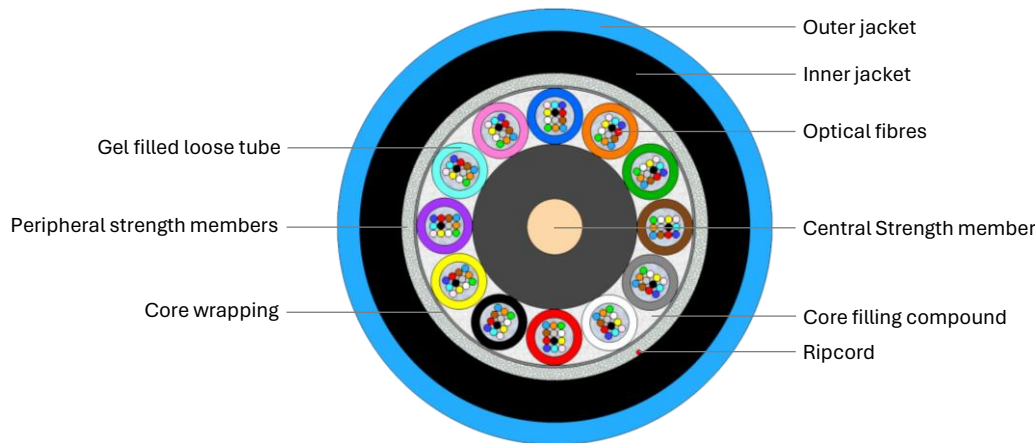


OPK-O-MTFFR-144(12x2.0)LTGGPN

Non-metallic armoured cable suited for external installation into duct or direct burial in the ground, with improve resistance against rodents and termites



Fibre count	144
Fibre Type	G.652.D, G.657.A1, G.657.A2, G.655, OM1, OM2, OM3, OM4
Fibre colour	Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua
Tube colour	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-swellaable glass yarn
Inner jacket	UV resistant black HDPE
Jacket thickness	1.5 mm
Outer jacket	Blue UV resistant Polyamide
Jacket thickness	0.8 mm
Nominal outer diameter	15.6 mm
Cable Weight (calc.)	199 kg/km

Max. tensile strength (Short Term)	10 500 N	EN 60794-1-21-E1	(since 2024-02-19 new IEC 60794-1-101)
Max. tensile strength (Long Term)	3300 N	EN 60794-1-21-E1	(since 2024-02-19 new IEC 60794-1-101)
Crush resistance	3000 N/100 mm	EN 60794-1-21-E3	(since 2024-02-19 new IEC 60794-1-103)
Max. Impact loading	25 Nm	EN 60794-1-21-E4	(since 2024-02-19 new IEC 60794-1-104)
Abrasion test	No jacket perforation	EN 60794-1-21-E2A	(since 2024-02-19 new IEC 60794-1-102)
	No loss of legibility	EN 60794-1-21-E2B	(since 2024-02-19 new IEC 60794-1-102)
Min. bend radius not load	15 x OD	EN 60794-1-21-E11	(since 2024-02-19 new IEC 60794-1-111)
Min. bend radius load	20 x OD	EN 60794-1-21-E11	(since 2024-02-19 new IEC 60794-1-111)
Operating temperature range	-40°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	-15°C to +50°C	EN 60794-1-22-F1	(since 2024-02-19 new IEC 60794-1-201)
Water tightness (1 m / 24 hrs.)	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	

Cable Code (Ordering Code) OPK-O-MTFFR-144(12x2,0)LTGGPN-xx-BUxx – 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