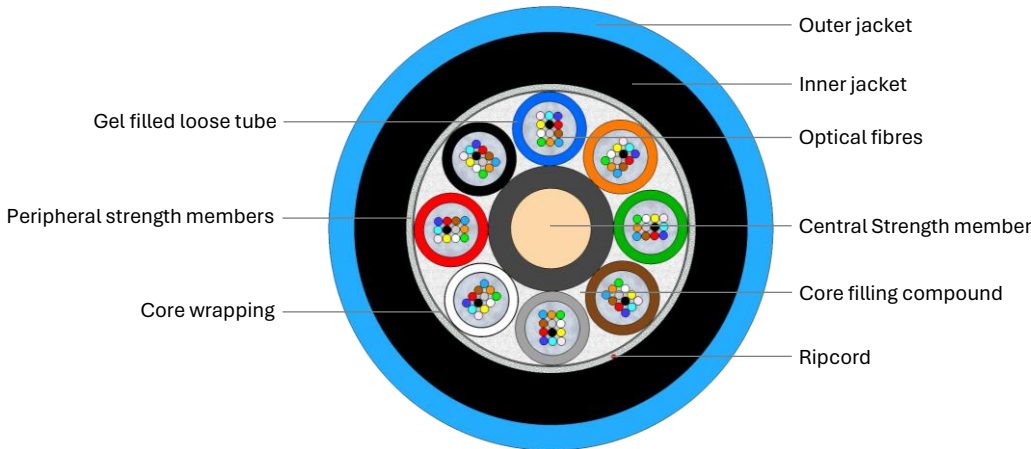


OPK-O-MTFFS-144(12x2.3)LTGPN

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



Fibre count	100		
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	1.6 mm		
Outer jacket	Blue UV resistant Polyamide		
Jacket thickness	0.8 mm		
Nominal outer diameter	16.8 mm		
Cable Weight (calc.)	202 kg/km		
Max. tensile strength (Short Term)	4100 N	EN 60794-1-21-E1	(since 2024-02-19 new IEC 60794-1-101)
Max. tensile strength (Long Term)	2000 N	EN 60794-1-21-E1	(since 2024-02-19 new IEC 60794-1-101)
Crush resistance	2500 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-MTFFS-144(12x2,3)LTGPN-xx-BU 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, 4200 m ±5% on solid wooden non-returnable drum		