

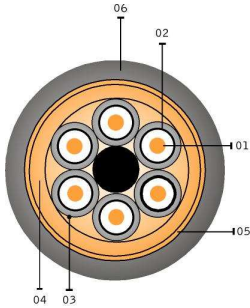
.....

OPTRAL



CINFLEX

Flexible Industrial Cable



Cable description

- 01. Tight Buffer Fibre (0.9 mm)
- 02. Aramid
- 03. Individual Jacket (Ø 2.0 mm)
- 04. Inner Jacket
- 05. Special Braid
- 06. Outer Jacket

Applications

Universal (Indoor / Outdoor)
Direct connection to mobile equipments

Options

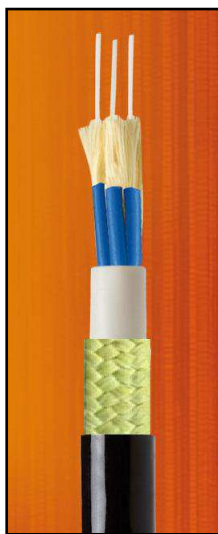
Special colour code

Fire Resistance

Flame retardant (IEC 60332-1)
Halogen free (IEC 60754-1/-2)

Advantages

Compact / Extra-Flexible / Resilient / Tough / Excellent mechanical resistance /
Easy to strip (gel free) / Totally dielectric / Reduced diameter / Direct connectorization /
Suitable for mobile applications



All technical specifications are subject to change without prior notice. Consult OPTRAL for the latest edition.

SPECIFICATIONS	
Fibres	2 / 4 / 6 8
Subcables strength members	Aramid Yarns
Subcables Ø (mm)	2.0 ± 0.1
Subcables Jacket	Thermoplastic
Subcables Colour	ORG (RAL2003) MM62 / BLU (RAL5015) MM50-OM2 / AQU (RAL6027) OM3 / VIO (RAL4003) OM4 / YLW (RAL1021) OS-1/2
Identification	Numbers
Inner Jacket	Thermoplastic
Special Braid	Aramid Braid
Outer Jacket	Polyurethane (TPU) ¹
Colour	Black
Weight (Kg/Km)	130 170
Outer Ø (mm)	11.7 ± 0.5 12.9 ± 0.5
Max. Tensile Load (N)	1500 (Operation) / 2600 (Installation) - (IEC 60794-1-21 E1)
Max. Crush (N/dm)	2000 (IEC 60794-1-21 E3)
Temperature Range	-40°C to +80°C Operation (IEC 60794-1-22 F1)
Min. Bending Radius	20 x Outer Ø (IEC 60794-1-21 E11)

Standards

Mechanical and Environmental tests according to IEC 60794-1-21 and IEC 60794-1-22.

¹ TPU - Thermoplastic Compound suitable for low temperature

.....