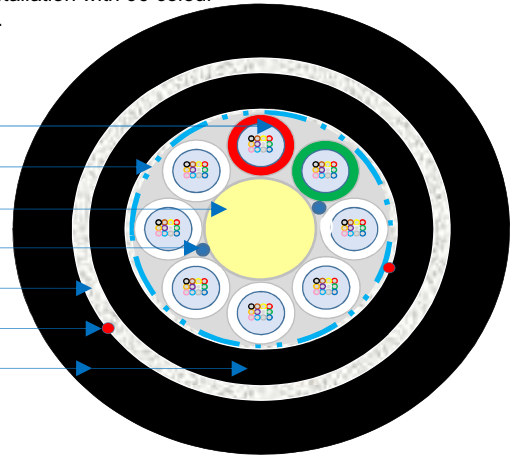


OPTICAL FIBRE INDOOR\OUTDOOR MULTI LOOSE TUBE CABLE

Black Polyethylene double-sheathed Multi-loose-tube cable for outdoor duct or direct burial installation with 96 colour coded fibres placed in 8 loose-buffer-tubes SZ stranded around FRP central strength member.

There is water-blocking E-glass under the outer sheath to provide this all dielectric cable with high tensile strength and protection against rodents.

1. Gel filled PBT loose tube with optical fibres
2. Water-blocking tape
3. FRP central strength member
4. Water-swallowable yarn
5. Water-swallowable e-glass yarns
6. Rip-cord
7. Black PE, UV stable inner and outer jacket



Fibre colour coding

(According to IEC 60304)

- | | |
|----------|-------------|
| 1 Red | 7 Brown |
| 2 Green | 8 Violet |
| 3 Blue | 9 Turquoise |
| 4 Yellow | 10 Black |
| 5 White | 11 Orange |
| 6 Grey | 12 Pink |

Fibre type

OS2, G.652.D

(More details available at separate Fibre Specification sheet)

Outer jacket colour and marking

Print method: Ink-Jet

Print colour: White

Loose-tube colour coding

1 Red, 2 Green, 3-8 White (Black fillers, if necessary)

Features

Max. allowable tensile	IEC 60794-1-2/E1A	3500 N (fibre strain 0,33%)
Crush resistance	IEC 60794-1-2/E3	3000 N/10cm
Impact resistance	IEC 60794-1-2/E4	3 impacts (w/20N.m)
Min. bend radius	no load - long term	15× cable diameter
	load - short term	20× cable diameter
Moisture resistance	IEC 60794-1-2/F5	passed
Temperature range	IEC 60794-1-2/F1	
	installation	-5 °C to + 50 °C
	operation	-30 °C to + 70 °C
	storage	-40 °C to + 70 °C
Loose tube diameter		1,7 mm
Inner jacket thickness	EN 60811-1-1	1,0 (min. 0,8) mm
Outer jacket thickness	EN 60811-1-1	1,4 (min. 1,2) mm
Cable outer diameter	EN 60811-1-1	12,5 ± 0,5 mm
Cable informative weight		125 kg/km
Standard put-up length		2100m/4100 ± 5%
Packing		plywood reels
Cable expected life time		min. 30 years

- For further information please contact one of our sales advisors
- WrenUk reserves the right to make changes to product specifications in the datasheet(s) at any time without notice.
- Information in this document is correct as of March 23, 2016

Europe Sales Office(s)
 E: info@wrenuk.com
 T: +44 (0) 1908 951000
 T: +44 (0) 1373 858466

