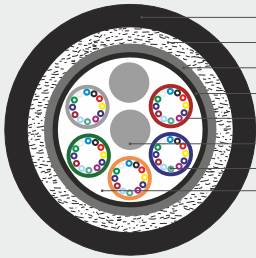
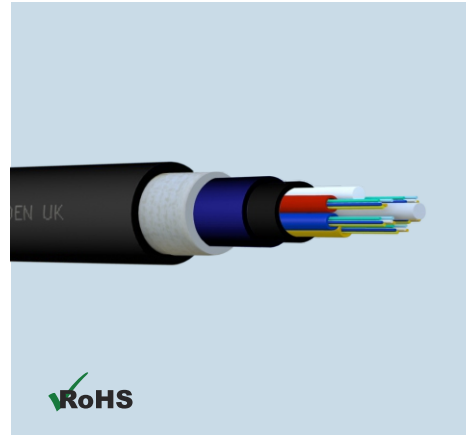


DOUBLE JACKET NON-METALLIC GLASS YARN STRENGTH STRANDED LOOSE TUBE FIBRE OPTIC CABLE



These cables are constructed with multiple tubes filled with water blocking jelly with a fibre count up to 72 fibre strands. The central strength members in the cable give it good tensile strength, water blocking jelly in the tube and tape over the tube give it excellent water and moisture resistance. Glass composite armour provides resistance to rodent attacks and nylon barriers gives protection from insects.

The cable design supports mesh and star topology installations and the additional layers increase the durability and tensile strength of the cable.



- Outer Polyethylene Sheath
- Glass Composite Barrier Element
- Insect Resistant Nylon
- Inner Polyethylene Sheath
- Moisture Resistant Jelly Filled Loose Tube
- Central Strength Member
- Optical Fibre
- Dry Water Blocked Core

COMPLIANCE

ITU-T G652.B OS1
 ITU-T G652.D/G655/G657.A1/
 G657.A2 OS2
 ITU-T G651.1 OM1 OM2 OM3 OM4
 IEC 60793
 IEC 60794

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Characteristics	Values
Max. Crush Resistance	2500N/100mm
Max Pulling Tension (Install)	5000N
Temperature Range	-40°C to +70°C
Sheath Material (Inner and outer)	PE

ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Cable Weight (kg/km)	Bend Radius	
				Short (mm)	Long (mm)
3183-310080S2CL	8	14.0	180.0	30xOD	15xOD
3183-310160S2CL	16	14.0	180.0	30xOD	15xOD
3183-310240S2CL	24	14.0	180.0	30xOD	15xOD
3183-310360S2CL	36	14.0	180.0	30xOD	15xOD
3183-310480S2CL	48	14.0	180.0	30xOD	15xOD
3183-310720S2CL	72	14.0	180.0	30xOD	15xOD



DOUBLE JACKET NON-METALLIC GLASS YARN STRENGTH STRANDED LOOSE TUBE FIBRE OPTIC CABLE



ORDERING GUIDE

Cable Type	Jacket	Fibre/Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3183	3=PE	1=12 F/T 2=08 F/T 3=06 F/T 4=04 F/T	No. of Fibre	OM1=62.5/125 OM1 OM2=50/125 OM2 OM3=50/125 OM3 OM4=50/125 OM4 OS1=9/125 [G652.B] OS1 OS2=9/125 [G652.D] OS2 500=9/125 [G655] OS2 7A1=9/125 [G657.A1] OS2 7A2=9/125 [G657.A2] OS2	As noted

CL: BK(Black), OR(Orange), YL(Yellow), GN(Green), AQ(Aqua), RD(Red), BL(Blue)

* Default value of Fibre Per Tube is "1" as per the ordering information, Follow the ordering guide for any other Specific customized fibre per tube requirement. *

PACKING INFORMATION

Part Number	Packing Length	Packing Mode	N,W (kg)	G,W (kg)	Dimension (mm)
3183-310080S2CL	1000 x 1	Wooden Drum	180.0	205.0	800 x 800 x 570
3183-310160S2CL	1000 x 1	Wooden Drum	180.0	205.0	800 x 800 x 570
3183-310240S2CL	1000 x 1	Wooden Drum	180.0	205.0	800 x 800 x 570
3183-310360S2CL	1000 x 1	Wooden Drum	180.0	205.0	800 x 800 x 570
3183-310480S2CL	1000 x 1	Wooden Drum	180.0	205.0	800 x 800 x 570
3183-310720S2CL	1000 x 1	Wooden Drum	180.0	205.0	800 x 800 x 570