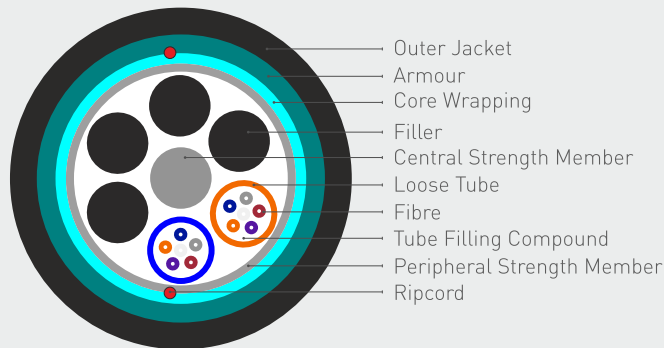


MULTI-LOOSE TUBE ARMOURED E-GLASS STRENGTH FIBRE OPTIC CABLE

The cable is constructed with FRP Central Strength Member and PBT Loose tube with jelly compound. Water blocking glass yarn and tape gives protection against water penetration.

A corrugated steel tape armouring and HDPE sheath gives this cable excellent tensile strength, mechanical, rodent, ultraviolet and environmental protection. They come in larger delivery length, so can also be used in long distance communication system, building interconnections, trunk lines, LAN, distribution networks.



COMPLIANCE

ITU-T G652.B OS1
 ITU-T G652.D/G655/G657.A1/G657.A2 OS2
 ITU-T G651.1 OM1 OM2 OM3 OM4
 IEC60793-2-10 type A1a.1/A1b OM1/OM2
 IEC60793-2-10 type A1a.2 OM3
 IEC60793-2-10 type A1a.3 OM4
 ISO/IEC 11801, ISO/IEC 24702
 IEC 187 000, IEC 60794-3, IEC 60794-3-10
 IEC 60794-3-12, EN 50 173-1
 ANSI/TIA/EIA 568C.3
 ROHS compliant Directive 2002/95/EC

CPR Compliance to Fca

CONSTRUCTION

Tube Filling Compound	Thixotropic Jelly
Loose Tube(s)	PBT
Central Strength Member	FRP Rod
Water Blocking Element	Water swellable yarn
Filler	PE Black
Core Wrapping	Water swellable tape
Peripheral Strength Member	Water Swellable Glass Yarn
Armouring	Corrugated steel tape, 0.15mm
Outer Sheath	UV Resistant HDPE, Black

MECHANICAL, OPTICAL & ENVIRONMENTAL CHARACTERISTICS

Characteristics	Short Term
Tensile Force	2700 N
Crush Resistance	3000 N
Torsion Resistance	10 Cycle ($\pm 182^\circ$) 10Kg Weight, L=2 Mtr
Water Penetration	1 Mtr Water Head, 3 Meter Cable Sample, 24 Hours
Installation/Operation Temp.	-20°C to +70°C
Transport and Storage Temperature	-10°C to +70°C

MULTI-LOOSE TUBE ARMoured E-GLASS STRENGTH FIBRE OPTIC CABLE

ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Loose Tube Diameter (mm)	Cable Weight (kg/km)	Bend Radius	
					Short (mm)	Long (mm)
3153-J1004FXXCL	4	11.7	2.05	140.0	20D	10D
3153-J1006FXXCL	6	11.7	2.05	140.0	20D	10D
3153-J1008FXXCL	8	11.7	2.05	140.0	20D	10D
3153-J1012FXXCL	12	11.7	2.05	140.0	20D	10D
3153-J1024FXXCL	24	11.7	2.05	140.0	20D	10D
3153-J1036FXXCL	36	11.7	2.05	140.0	20D	10D
3153-J1048FXXCL	48	11.7	2.05	140.0	20D	10D
3153-J1072FXXCL	72	12.7	2.25	160.0	20D	10D
3153-J1096FXXCL	96	14.7	2.25	188.0	20D	10D
3153-J1144FXXCL	144	17.2	2.25	265.0	20D	10D
3153-JC288FXXCL	288	19.9	2.25	360.0	20D	10D

ORDERING GUIDE

Cable Type	Jacket	Fibre/Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3153	J = HDPE (Fca)	C = 24F/T 1 = 12F/T 2 = 08 F/T 3 = 06 F/T 4 = 04 F/T	No. of Fibre (XXX)	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)

PACKING INFORMATION

Part Number	Packing Length	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
3153-J1004FXXCL	2000 x 1	Wooden Drum	280.0	310.0	900 x 500 x 600
3153-J1006FXXCL	2000 x 1	Wooden Drum	280.0	310.0	900 x 500 x 600
3153-J1008FXXCL	2000 x 1	Wooden Drum	280.0	310.0	900 x 500 x 600
3153-J1012FXXCL	2000 x 1	Wooden Drum	280.0	310.0	900 x 500 x 600
3153-J1024FXXCL	2000 x 1	Wooden Drum	280.0	310.0	900 x 500 x 600
3153-J1036FXXCL	2000 x 1	Wooden Drum	280.0	310.0	900 x 500 x 600
3153-J1048FXXCL	2000 x 1	Wooden Drum	280.0	310.0	900 x 500 x 600
3153-J1072FXXCL	2000 x 1	Wooden Drum	320.0	350.0	900 x 500 x 600
3153-J1096FXXCL	2000 x 1	Wooden Drum	376.0	406.0	900 x 500 x 600
3153-J1144FXXCL	2000 x 1	Wooden Drum	530.0	560.0	900 x 500 x 600
3153-JC288FXXCL	2000 x 1	Wooden Drum	720.0	750.0	900 x 500 x 600

