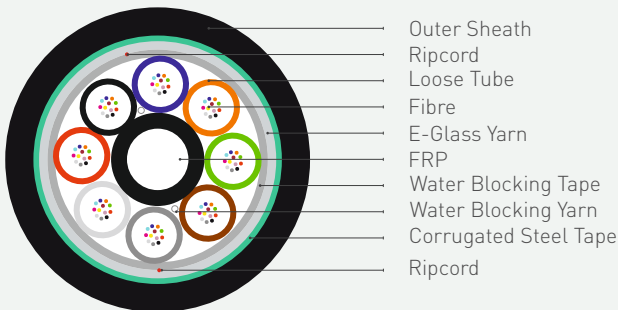


MULTI-LOOSE TUBE STEEL TAPE ARMoured GEL-FREE FIBRE OPTIC CABLE

These cables are constructed with gel free (dry core construction) tubes. They forms the backbone of high speed networks and give flexibility and versatility to networks. They give flexibility versatility to networks and can be used for direct burial applications. Metallic / Non-metallic FRP strength members in the cable give it good tensile strength. Gel free (dry core construction) in the tube and tape over the tube give it excellent water and moisture resistance. A corrugated steel armouring give this cable excellent tensile strength, mechanical & rodent protection. This cable has glass yarn for additional protection. It can be used for building interconnections, trunk lines, LAN and 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
 ANSI/TIA/EIA 568C.3
 ROHS compliant Directive 2002/95/EC

CONSTRUCTION

Loose Tube	PBT
Central Strength Member	FRP
Strength member	E-glass yarn
Ripcord	2
Armouring	Corrugated steel tape
Outer sheath	FR-LSZH/UV-HDPE

MECHANICAL, OPTICAL & ENVIRONMENTAL CHARACTERISTICS

Characteristics	Short Term	Long Term
Max. Tensile Load	4000 N	1500 N
Max. Crush Load	2200 N/100 mm	1000 N/100 mm
Operating Temp.	-20°C to +70°C	
Storage Temp.	-20°C to +70°C	



MULTI LOOSE TUBE STEEL TAPE ARMOURED GEL FREE FIBRE OPTIC CABLE

ORDERING INFORMATION

Part Number	Fibre Count	Loose Tube Diameter (mm)	Outer Diameter (mm)	Bend Radius	
				Short (mm)	Long (mm)
4044-X1004FXXCL	4	3.4	15.5	15D	30D
4044-X1006FXXCL	6	3.4	15.5	15D	30D
4044-X1008FXXCL	8	3.4	15.5	15D	30D
4044-X1012FXXCL	12	3.4	15.5	15D	30D
4044-X1024FXXCL	24	3.4	15.5	15D	30D
4044-X1036FXXCL	36	3.4	16.2	15D	30D
4044-X1048FXXCL	48	3.4	16.2	15D	30D
4044-X1072FXXCL	72	3.4	17.5	15D	30D
4044-X1096FXXCL	96	2.8	17.5	15D	30D

*Cable weight will vary according to jacket

ORDERING GUIDE

Cable Type	Jacket	Fibre/Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)	Loosetube Construction
4044	1 = PVC 2 = LSZH 3 = PE U = LSZH (UV Resistant) X = UV Stabilized HDPE R = FR-LSZH	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	WJL without Gel

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. '