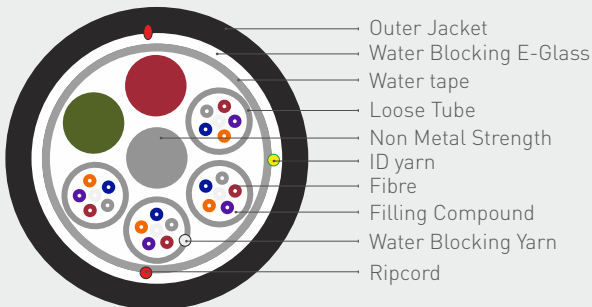
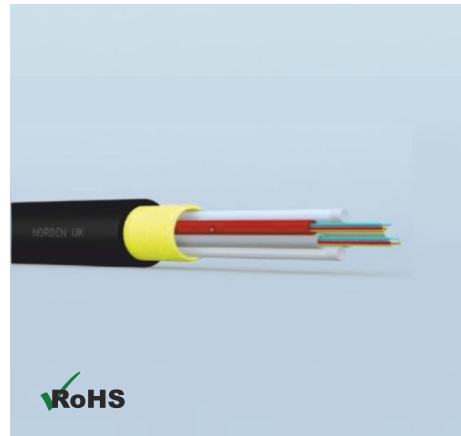


# DIELECTRIC LOOSE TUBE WATER BLOCKING E GLASS IN/OUT CABLE

The cable is constructed with FRP Central Strength Member and PBT Loose tube with jelly compound. E-glass yarn Strength member gives protection against rodents and water penetration. Non metal strength gives an excellent anti-electromagnet ability. Polyethylene/LSZH material can be used as outer jacket.



## COMPLIANCE

IEC60794-1, EN 187000  
 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  
 LSZH: IEC 60332-1, IEC 60754, IEC 61034

## MECHANICAL, OPTICAL & ENVIRONMENTAL CHARACTERISTICS

Characteristics	Short Term	Long Term
Max. Tensile Load	2000 N	1000 N
Max. Crush Load	2000 N/100 mm	1000 N/100 mm
Operating Temp.	-60°C to +70°C	
Storage Temp.	-40°C to +90°C	
Impact Resistance	5 Nm	
Sheath Material	Standard: PE Optional: LSZH, PVC or other	

## ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Cable Weight (kg/km)	Bend Radius	
				Short (mm)	Long (mm)
3144-31012FXXCL	12	11.0	75	20D	10D
3144-31024FXXCL	24	11.0	75	20D	10D
3144-31036FXXCL	36	11.0	75	20D	10D
3144-31048FXXCL	48	11.0	75	20D	10D
3144-31060FXXCL	60	11.0	75	20D	10D
3144-31072FXXCL	72	11.0	75	20D	10D
3144-31096FXXCL	96	13.0	130	20D	10D
3144-31144FXXCL	144	14.5	161	20D	10D
3144-31155FXXCL	155	14.5	161	20D	10D
3144-31216FXXCL	216	14.5	181	20D	10D

# DIELECTRIC LOOSE TUBE WATER BLOCKING E GLASS IN/OUT CABLE

## ORDERING GUIDE

Cable Type	Jacket	Fibre/ Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3144	1 = PVC 2 = LSZH 3 = PE	1 = 12F/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 (cm)
3144-31012FXXCL	2500 x 1	Wooden Drum	187	230	105 x 105 x 55
3144-31024FXXCL	2500 x 1	Wooden Drum	187	230	105 x 105 x 55
3144-31036FXXCL	2500 x 1	Wooden Drum	187	230	105 x 105 x 55
3144-31048FXXCL	2500 x 1	Wooden Drum	187	230	105 x 105 x 55
3144-31060FXXCL	2500 x 1	Wooden Drum	187	230	105 x 105 x 55
3144-31072FXXCL	2500 x 1	Wooden Drum	187	230	105 x 105 x 55
3144-31096FXXCL	2500 x 1	Wooden Drum	325	375	105 x 105 x 55
3144-31144FXXCL	2500 x 1	Wooden Drum	402	452	105 x 105 x 55
3144-31155FXXCL	2500 x 1	Wooden Drum	402	452	105 x 105 x 55
3144-31216FXXCL	2500 x 1	Wooden Drum	452	502	105 x 105 x 55