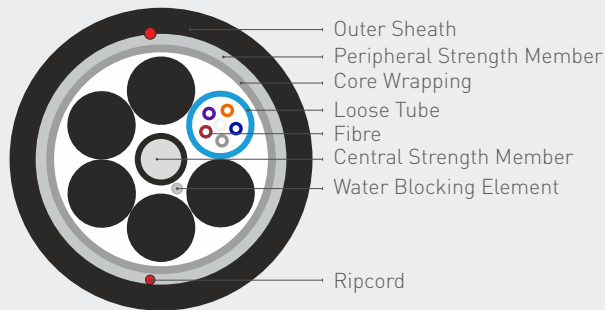
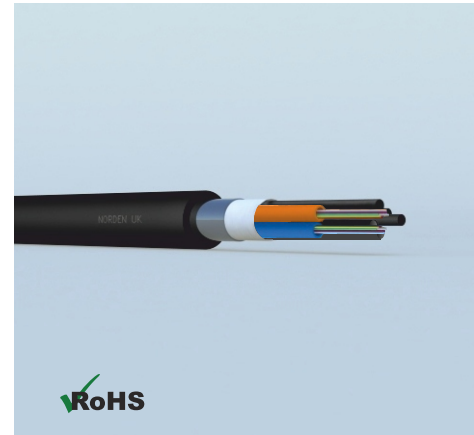


# DIELECTRIC LOOSE TUBE GEL-FREE GLASS YARN STRENGTH IN/OUT CABLE

The cable is constructed with FRP Central Strength Member and Dry loose tube with dry core construction. Glass yarn provides strength and rodent protection to the fibre cable. Polyester core wrapping tape gives protection against water penetration. Non metal strength gives an excellent anti-electromagnet ability. Cable has jacket options as per customer request. The cable combines robust characteristics of external cable and flexibility of internal cable . It is used in access networks and local networks in high electromagnetic interfering places.



## COMPLIANCE

IEC60794-1  
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  
ANSI/TIA/EIA 568.3-D  
ROHS compliant Directive 2011/65/EU

## CONSTRUCTION

Loose Tube(s)	Dry tube
Central Strength Member	FRP Rod
Dummy Filler	PE
Water Blocking Element	Dry Core (WS Yarn Helically Wrapped around CSM & In cable core)
Core Wrapping	Polyester Tape
Peripheral Strength Member	Glass Roving Yarn
Outer Sheath	1.5mm, LSZH/HDPE Black or as per customer request
Rip Cords	2 Polyester

## MECHANICAL, OPTICAL & ENVIRONMENTAL CHARACTERISTICS

Characteristics	Short Term
Pulling Tension	2600 N
Crush Resistance	2000N (50x50mm)
Torsion Resistance	10 Cycle (±182°) 10Kg Weight, L=2 Mtr
Impact Resistance	Height 500mm, Weight = 2.5Kg
Kink Resistance	10xD, D = Cable Diameter
Water Penetration	1 Mtr Water Head, 3 Meter Cable Sample, 24 Hours
Installation Temperature	-20°C to +70°C
Operation Temperature	-20°C to +70°C
Transport and Storage Temperature	-10°C to +70°C

# DIELECTRIC LOOSE TUBE GEL-FREE GLASS YARN STRENGTH IN/OUT CABLE

## ANSI/TIA/EIA-598-B STANDARD FIBRE COLOR CODE

Fibre Number	Fibre Color	Fibre Number	Fibre Color
Fibre 1	Blue	Fibre 7	Red
Fibre 2	Orange	Fibre 8	Black
Fibre 3	Green	Fibre 9	Yellow
Fibre 4	Brown	Fibre 10	Violet
Fibre 5	Slate	Fibre 11	Rose
Fibre 6	White	Fibre 12	Aqua

## ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Bend Radius	
			Short (mm)	Long (mm)
3155-2104FXXCL	4	9.8	20D	10D
3155-21006FXXCL	6	9.8	20D	10D
3155-21008FXXCL	8	9.8	20D	10D
3155-21012FXXCL	12	9.8	20D	10D
3155-21024FXXCL	24	9.8	20D	10D
3155-21048FXXCL	48	9.8	20D	10D

## ORDERING GUIDE

Cable Type	Jacket	Fibre/Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3155	1 = PVC 2 = LSZH 3 = PE U = LSZH (UV resistant) 7 = OFNR	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)

' \* 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)
3155-2104FXXCL	2000 x 1	Wooden Drum	160	200	900 x 500 x 600
3155-21006FXXCL	2000 x 1	Wooden Drum	160	200	900 x 500 x 600
3155-21008FXXCL	2000 x 1	Wooden Drum	160	200	900 x 500 x 600
3155-21012FXXCL	2000 x 1	Wooden Drum	160	200	900 x 500 x 600
3155-21024FXXCL	2000 x 1	Wooden Drum	160	200	900 x 500 x 600
3155-21048FXXCL	2000 x 1	Wooden Drum	160	200	900 x 500 x 600