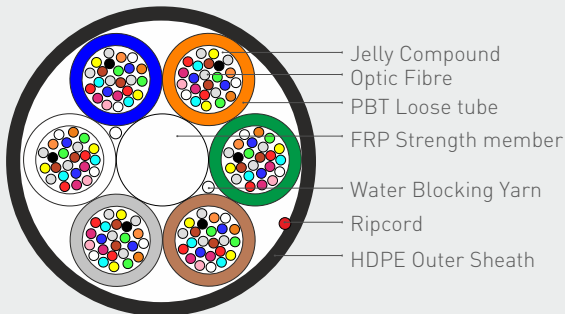
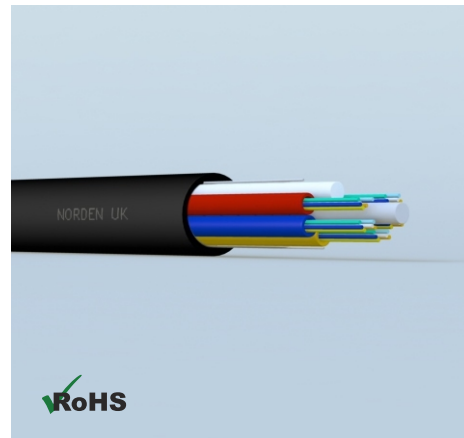


ALL DIELECTRIC MICRO DUCT LOOSE TUBE OPTICAL CABLE



These cable is constructed with FRP Central Strength Member, layer tubes with Jelly Compound for water blocking, HDPE outer jacket.

Non-metallic structure and good electromagnetic resistance makes it a good choice for use in High voltage and thunder prone areas. The cable is suitable for internal, external and long distance communication system. The cable is UV-stablized and has water blocking performance for external Micro duct blown application.



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 568.3-D
 ROHS compliant Directive 2002/95/EC

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Characteristics	Value
Max. Tensile Load	600 N (12-48 Core), 800N (96-192 Core) & 1000N (276 - 288 Core)
Max. Crush Load	500 N/100 mm
Operating Temp.	-20 °C to +70 °C
Storage Temp.	-40 °C to +85 °C
Sheath	HDPE

ALL DIELECTRIC MICRO DUCT LOOSE TUBE OPTICAL CABLE



ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	No. of Fibre per Loose Tube	Cable Weight (kg/km)	Bend Radius	
					Short (mm)	Long (mm)
3163-H1012FXXCL	12	5.3	12	23	20D	10D
3163-H1024FXXCL	24	5.3	12	23	20D	10D
3163-H1036FXXCL	36	5.6	12	23	20D	10D
3163-H1048FXXCL	48	5.3	12	23	20D	10D
3163-H1096FXXCL	96	6.6	12	38	20D	10D
3163-H1144FXXCL	144	8.0	12	53	20D	10D
3163-H1192FXXCL	192	9.8	12	70	20D	10D
3163-H0276FXXCL	276	10.3	24	79	20D	10D

ORDERING GUIDE

Cable Type	Jacket	Fibre/ Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3163	H=HDPE	0=24 F/T 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)
3163-H1012FXXCL	2500 x 1	Wooden Drum	58.0	83.0	800 x 800 x 570
3163-H1024FXXCL	2500 x 1	Wooden Drum	58.0	83.0	800 x 800 x 570
3163-H1036FXXCL	2500 x 1	Wooden Drum	58.0	83.0	800 x 800 x 570
3163-H1048FXXCL	2500 x 1	Wooden Drum	58.0	83.0	800 x 800 x 570
3163-H1096FXXCL	2500 x 1	Wooden Drum	95.0	120.0	800 x 800 x 570
3163-H1144FXXCL	2500 x 1	Wooden Drum	133.0	158.0	800 x 800 x 570
3163-H1192FXXCL	2500 x 1	Wooden Drum	175.0	200.0	800 x 800 x 570
3163-H0276FXXCL	2500 x 1	Wooden Drum	198.0	223.0	800 x 800 x 570