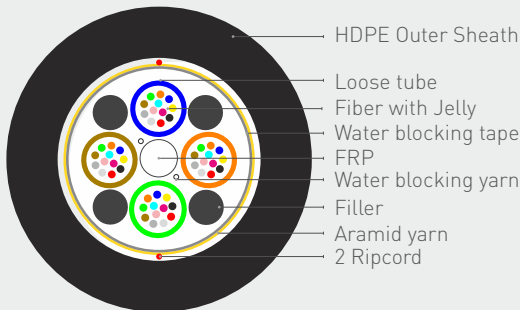
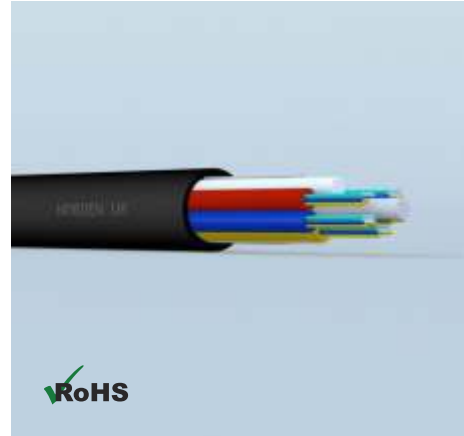


## AIR BLOWN FIBER OPTIC CABLE HDPE

These cables are constructed with FRP Central Strength Member, layer tubes with Jelly Compounds for water blocking, HDPE outer jacket. Non metallic structure and good electromagnetic resistance make it a good choice for use High voltage and thunder prone areas. The cable is suitable for internal, external and long distance communication system. The cable is UV-stabilized 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	Short Term	Long Term
Max. Tensile Load	800 N	400 N
Max. Crush Load	1500N/100 mm	500 N/100 mm
Operating Temp.	-20°C to +70°C	
Storage Temp.	-20°C to +70°C	
Installation Temp.	-10°C+60°C	
Sheath Material	HDPE	

## ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Cable Weight (kg)	Bend Radius	
				Short (mm)	Long (mm)
3181-H1012FXXCL	12	8.7	60	20D	10D
3181-H1024FXXCL	24	8.7	61	20D	10D
3181-H1048FXXCL	48	8.7	62	20D	10D
3181-H1096FXXCL	96	10.4	93	20D	10D

# AIR BLOWN FIBER OPTIC CABLE HDPE

## ORDERING GUIDE

Cable Type	Jacket	Fibre/ Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3181	H=HDPE	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)

\* \* 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)
3181-H1012FXXCL	4000 x 1	Wooden Drum	240.00	300.00	980 x720x980
3181-H1024FXXCL	4000 x 1	Wooden Drum	241.00	304.00	980 x720x980
3181-H1048FXXCL	4000 x 1	Wooden Drum	248.00	308.00	980 x720x980
3181-H1096FXXCL	3000 x 1	Wooden Drum	372.00	442.00	1180 x 720 x1180