



**Features:**

- G.652D
- PBT Loose Tube
- Steel Strength Member
- Water Proof Tape
- Water Blocking Yarn
- Filling Gel
- Color Coating Fiber
- Suitable for Underground Laying
- Packaging 500 or 1000 Meters

<b>CABLE PARAMETERS</b>	
<b>Colored Coating Fiber:</b>	
<b>Fiber Count</b>	128
<b>Dimension (µm)</b>	250 ± 15
<b>Color</b>	Blue, Orange, Green, Brown, Grey, Natural, Red, Black, Yellow, Purple, Pink, Aqua
<b>Loose Tube:</b>	
<b>Dimension (mm)</b>	1.95 ± 0.05
<b>Material</b>	PBT
<b>Color</b>	Red, Green, Natural, Natural, Natural, Natural, Natural, Natural
<b>Cushion:</b>	
<b>Dimension (mm)</b>	5.7 ± 0.2
<b>Material</b>	PE
<b>Color</b>	Black
<b>Central Strenght Member:</b>	
<b>Diameter (mm)</b>	2.5
<b>Material</b>	Steel
<b>Inner Jacket:</b>	
<b>Dimension (mm)</b>	12.4 ± 0.5
<b>Material</b>	PE
<b>Color</b>	Black
<b>Outer Jacket:</b>	
<b>Dimension (mm)</b>	18 ± 0.5
<b>Material</b>	PE
<b>Color</b>	Black
<b>FIBER PARAMETERS:</b>	
<b>Mode Field Diameter (µm)</b>	
1310nm	9.2 ± 0.4
1550nm	10.4 ± 0.5
<b>Cladding Diameter (µm)</b>	124.8 ± 0.7
<b>Cladding Non-Circularity (%)</b>	≤ 0.7
<b>Core-Cladding Concentricity Error (µm)</b>	≤ 0.5
<b>Coating Diameter (µm)</b>	245 ± 5
<b>Coating Non-Circularity (%)</b>	≤ 6.0
<b>Cladding-Coating Concentricity (µm)</b>	≤ 12.0
<b>Cable Cutoff Wavelength (nm)</b>	$\lambda_{cc} \leq 1260$
<b>Attenuation (db/km)</b>	
1310nm (max)	≤ 0.36
1550nm (max)	≤ 0.25

**CHARACTERISTICS**

Tension (Long Term)	1000 N
Tension (Short Term)	3000 N
Crush (Long Term)	1000 N/10cm
Crush (ShortTerm)	3000 N/10cm
Min. Bend Radius (Dynamic)	25D mm
Min. Bend Radius (Static)	12.5D mm
Installation Temperature	-20°C ~ +60°C
Operating Temperature	-40°C ~ +70°C
Storage Temperature	-40°C ~ +70°C

**Design:**

