



**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>	06
<b>Dimension (µm)</b>	250 ± 15
<b>Color</b>	Blue, Orange, Green, Brown, Grey, Natural
<b>Loose Tube:</b>	
<b>Dimension (mm)</b>	1.95 ± 0.05
<b>Material</b>	PBT
<b>Color</b>	Natural, Natural
<b>Filler:</b>	
<b>Dimension (mm)</b>	1.95 ± 0.05
<b>Material</b>	PP
<b>Color</b>	Red, Green, Natural
<b>Central Strenght Member:</b>	
<b>Diameter (mm)</b>	1.5
<b>Material</b>	Steel
<b>Inner Jacket:</b>	
<b>Dimension (mm)</b>	8.0 ± 0.3
<b>Material</b>	PE
<b>Color</b>	Black
<b>Outer Jacket:</b>	
<b>Dimension (mm)</b>	13.2 ± 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)	<b>1000 N</b>
Tension (Short Term)	<b>3000 N</b>
Crush (Long Term)	<b>1000 N/10cm</b>
Crush (ShortTerm)	<b>3000 N/10cm</b>
Min. Bend Radius (Dynamic)	<b>25D mm</b>
Min. Bend Radius (Static)	<b>12.5D mm</b>
Installation Temperature	<b>-20°C ~ +60°C</b>
Operating Temperature	<b>-40°C ~ +70°C</b>
Storage Temperature	<b>-40°C ~ +70°C</b>

**Design:**

