



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

CABLE PARAMETERS	
Colored Coating Fiber:	
Fiber Count	12
Dimension (µm)	250 ± 15
Color	Blue, Orange, Green, Brown, Grey, Natural, Red, Black, Yellow, Purple, Pink, Aqua
Loose Tube:	
Dimension (mm)	1.95 ± 0.05
Material	PBT
Color	Natural, Natural
Filler:	
Dimension (mm)	1.95 ± 0.05
Material	PP
Color	Red, Green, Natural
Central Strength Member:	
Diameter (mm)	1.5
Material	Steel
Inner Jacket:	
Dimension (mm)	8.0 ± 0.3
Material	PE
Color	Black
Outer Jacket:	
Dimension (mm)	13.2 ± 0.5
Material	PE
Color	Black
FIBER PARAMETERS:	
Mode Field Diameter (µm)	
1310nm	9.2 ± 0.4
1550nm	10.4 ± 0.5
Cladding Diameter (µm)	124.8 ± 0.7
Cladding Non-Circularity (%)	≤ 0.7
Core-Cladding Concentricity Error (µm)	≤ 0.5
Coating Diameter (µm)	245 ± 5
Coating Non-Circularity (%)	≤ 6.0
Cladding-Coating Concentricity (µm)	≤ 12.0
Cable Cutoff Wavelength (nm)	$\lambda_{cc} \leq 1260$
Attenuation (db/km)	
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:

