

**Loose-Tube Outdoor Fiber Optic Cable**

Rev. 2. 5/05

**Construction:****Fiber: Replace X with A, B or W**

- A: 50/125 Micron Multimode
- B: 62.5/125 Micron Multimode
- W: 8/125 Micron Singlemode

**Buffer:**

- 12- Loose-Tube Outdoor  
250 micron

**Sub- Assembly:**

- 12 fibers- 250 micron fiber -6 fibers per Tube  
Water blocking Gel within Tubes

**Strength Members:**

- Aramid Yarn

**Jacket:**

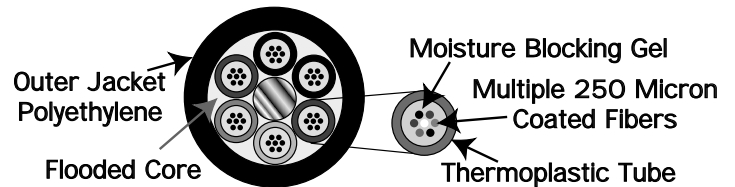
- Material: Polyethylene Jacket  
Nominal Diameter: .375 inch ( 9.53mm)

**Listing:**

- Outdoor

**Rating:**

- Crush Resistance (EIA-455-41):  
2000N/cm
- Impact Resistance (EIA-455-25)  
2000 impacts w/1.6N-cm)
- Flexure (EIA-455-104)  
2000 Cycles minimum
- Min. Bend Radius- Long Term - No Load: 15X Cable O.D.  
• 5.6 Inch (14.3 cm)
- Min. Bend Radius- Short Term- Load: 20X Cable O.D.  
• 7.5 Inch (19.1 cm)
- Maximum Load (Installation)  
• 600lbs. (2700 newtons)
- Operating Temperature:  
-20° C to + 70° C
- Storage Temperature:  
-50° C to + 80° C

**Optical Characteristics:****Glass Type: Replace X with A, B, or W**

- A- 50/125 Micron- Multi-Mode
- B- 62.5/125 Micron- Multi-Mode
- W- 8/125 Micron-SingleMode

**Operating Wavelength (nanometers):**

- A- 850nm/1300nm
- B- 850nm/1300nm
- W- 1310nm/1550nm

**Minimum Bandwidth (MHz-km):**

- A- 500/500 MHz-km
- B- 200/500 MHz-km
- W- Unlimited MHz-km

**Max. Attenuation:**

- A- 3.0db/km @ 850nm- 1.0db/km @ 1300nm
- B- 3.25db/km @ 850nm- 1.0db/km @ 1300nm
- W- .40db/km @ 850nm- .30db/km @ 1300nm

**Applications:**

- Building interconnections
- Telecommunications and data trunk
- Long Haul networking
- Duct between buildings
- Applications requiring good ozone, moisture, weather resistance

plus  
CORNING™  
Optical Fiber

**WEST PENN WIRE**