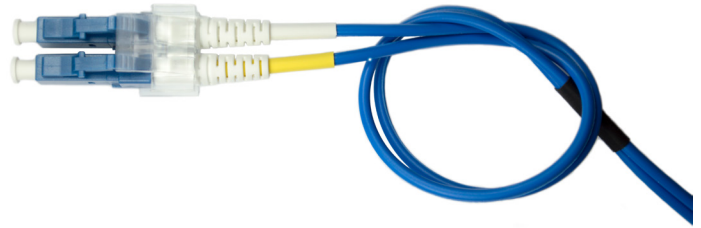


Bend-Insensitive Cable Assemblies

ARIA Technologies now offers a complete line of pigtails, patchcords, fan-outs, and trunk cables with bend-insensitive fibers.

Cable bends can create high loss in congested areas.

Bend-Insensitive cable assemblies ensure low loss even with a small 10mm bend radius in the fiber cable.



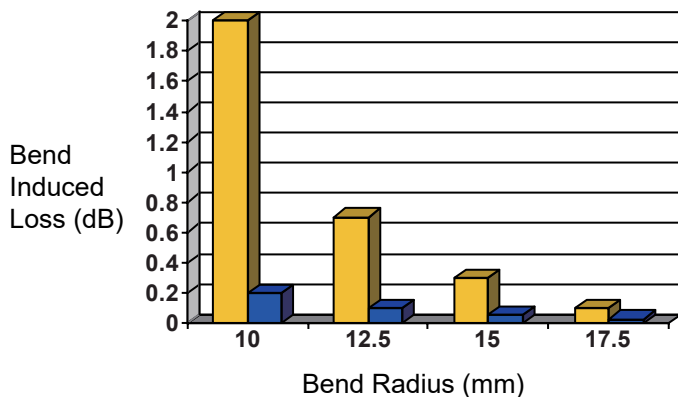
Features

- <0.25dB bend induced loss in the 1530-1565 nm & 1565-1625 nm wavelength spans, i.e., the C-band and the L-band
- Low insertion loss: 0.4dB max and <0.2dB typical
- Low return loss: <-55dB for UPC and <-65dB for APC
- Blue jacket identifies the cable as bend-insensitive
- Easy to remove buffer coating
- Fully compatible with all standard singlemode fiber systems
- Meets or exceeds all industry standards for singlemode fiber performance

Applications

- FTTH Networks in indoor or outdoor compact enclosures
- High density patch panels where patchcord congestion may exist
- In central offices, point-of-presence locations (POPs), or Nodes
- High performance networks operating in the C-band and L-band spectrums
- Networks carrying high traffic on a single fiber (> OC-48)
- Data Centers with multiple cable runs
- DWDM networks
- Digital video networks
- Ideal for networks operating in the 1530-1625 nm wavelengths

Bend Induced Loss with Respect to Bend Radius



Bend Induced Loss with Respect to Wavelength

