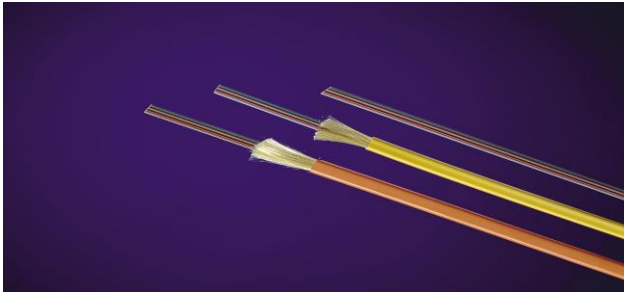




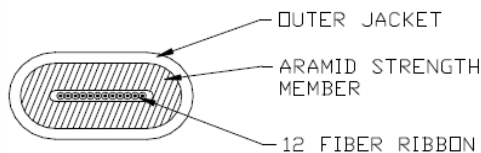
## FiberTechniques Inc Ribbon Cable



Ribbon cables are a cost-reducing alternative to bulky breakout and distribution cable. Plug-and-play assemblies of any length and made to the customer's specifications can be provided or custom ribbon pigtailed can be provided to splice to the enduser's cable after installation. Save time, money, and space!

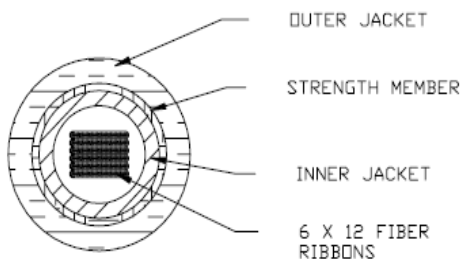
FiberTechniques' ribbon cable is available with up to 72 fibers. Standard jacket colors are Singlemode - yellow, 62.5/125um or standard 50/125um - orange, 10G 50/125um - aqua. Custom jacket colors can be manufactured (minimum length applies). The ribboned fiber has a 245um diameter acrylate buffer coded to TIA/EIA 359 Blue, Orange, Green Brown, Gray, White, Red, Black, Yellow, Violet, Rose, and Aqua. As examples, the specifications for the 12 fiber version and 72 fiber version are shown below.

### 12 fiber Ribbon:



- 1) Diameter: .092" X .174" (2.34mm X 4.42mm)
- 2) Tensile Load:
  - a) 150 lbs. (668N) Max. - (Installation)
  - b) 75 lbs. (334N) Max. - (In-Service)
- 3) Minimum Bend Radius:
  - a) 2.66" (6.8cm) - Installation
  - b) 1.33" (3.4cm) - In Service
- 4) Cable Weight: 10lbs/1000ft. (14.9kg/km)
- 5) Operating Temperature: -4F to 176F (-20C to 80C)
- 6) Storage Temperature: -40F to 176F (-40C to 80C)

### 72 fiber Ribbon:



- 1) Diameter: .440 (11.2mm)
- 2) Tensile Load:
  - a) 480 lbs. (2138N) Max. - (Installation)
  - b) 150 lbs. (668N) Max. - (In-Service)
- 3) Minimum Bend Radius:
  - a) 9" (23cm) - Installation
  - b) 6" (15cm) - In Service
- 4) Cable Weight: 110lbs/1000ft. (164kg/km)
- 5) Operating Temperature: 32F to 176F (0C to 80C)
- 6) Storage Temperature: -40F to 176F (-40C to 80C)

