

## Prysmian Group Ribbon

### Extreme 12 Fiber Bare Ribbon



#### For the Telecommunications Industry

- Mass-fusion splicing applications
- Optical components
- Optical fiber splitters
- Ribbon Patchcords



#### Overview

Prysmian Group's Single-Mode Optical Fiber Ribbon provides industry leading macro-bending performance in a multi-fiber planar ribbon array. The UV Curable Acrylate Ribbon Material allows for easy handling and strip-ability.

#### Specifications

**Optical** Attenuation Coefficient at 1310 nm:  
≤0.4 dB/km  
Attenuation Coefficient at 1550 nm:  
≤0.3 dB/km

**Mechanical** Standards: Telcordia GR-20-CORE Issue 4

**Environmental** Operating Temperature: ≥ - 40°C to ≤ + 70°C

#### Features and Benefits

##### Ribbonized Fiber

Optimal for mass-fusion splicing and multi-fiber connectorization.

##### Compatible with ITU-T & G.652.D

Meets most stringent industry fiber bending standards and is backwards compatible with existing single-mode fibers.

| Part #           | Fiber Count | Ribbon Width (µm) | Ribbon Height (µm) | Planarity (µm) |
|------------------|-------------|-------------------|--------------------|----------------|
| FRB-12-CE-012-E1 | 12          | 3020 ± 80         | 315 ± 35           | ≤ 50           |

Note: This ribbon product meets the requirements in GR-20-CORE for bare ribbon only. This product is produced for cabling and is not intended to be cosmetically perfect.