144-192 Fiber ezMICRODUCT™
with FlexRibbon Technology
Jetted microduct FlexRibbon cable

**Optimized for jetted microduct installations**

**Overview**

Prysmian’s ezMICRODUCT cables provide optimized jetting performance for underground microduct installations or jetting directly over existing cable. Prysmian offers this microduct product for microducts starting at 13 mm or larger, inside diameter. This small diameter cable combines high reliability with reduced size and weight for optimal blowing performance.

With this approach, network operators can maximize duct utilization, defer capital expenditures to match revenue streams, maintain flexibility for future growth, and reduce installation and upgrade costs.

**Features and Benefits**

- **Optimal Jetting Performance**
  - Reduced size and weight for installation in microduct
  - Optimized for jetted microduct installations

- **Reduced Total Installed Cost**
  - Reduce total Installed Cost
  - Defer CAPEX by maximizing duct utilization
  - Reduce installation and upgrade costs
  - Minimize disruption to underground infrastructure
  - Quick installation – long lengths and high speeds
  - Allow use of ducts already containing cable

**Product Snapshot**

- **Applications**
  - Jetted microduct deployment, installed in microducts or partially filled duct

- **Constructions**
  - Central tube construction containing 16 twelve fiber flexible ribbons

- **Fiber Count**
  - 144-192

- **Fiber Types**
  - Bend-insensitive 250μm SMF

- **Performance**
  - ANSI/ICEA 744, IEC, RUS, GR-20

- **Registered**
  - ISO 9001, ISO 14001, TL 9000
  - and OHSAS 18001
The Prysmian Group part number incorporates several significant attributes involving cable design and optical performance. The appropriate part number can be configured using the process described in the example.

**PART NUMBER CONSTRUCTION**

1. **LENGTH MARKINGS**
   - F = Feet or M = Meters

2. **PRODUCT FAMILY**
   - RCFMD = ezMICRODUCT™ with FlexRibbon technology
   - RCFBMD = ezMICRODUCT with Breakout FlexRibbon technology

3. **CONSTRUCTION**
   - 1JKT = Single Jacket

4. **FIBER GROUPING**
   - 12 = 12f per ribbon

5. **FIBER TYPE**
   - SINGLE-MODE

6. **FIBER COUNT**
   - 144-192 fibers

7. **FIBER GRADE**
   - S1 = Single-Mode

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**Ordering Guide**

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*The optimum duct size may provide longer blowing distances and/or provides a larger margin of error from unexpected tube deformations.*

Maximum Reel Length: 41,010 feet (12,500 meters)