MIRABEL ENERGY USA

High-Performance Fiber Solutions

FIBER OPTIC CABLE

Product Overview

- Single-Mode Fiber (OS2)
- Multi-Mode Fiber (OM3, OM4, OM5)
- Armored Fiber Cable
- Direct Burial Fiber
- Aerial/Self-Supporting Fiber (ADSS)
- Indoor/Outdoor Rated Fiber
- Ribbon Fiber Cable
- Breakout Fiber Cable

Technical Specifications

Fiber Type	Single-Mode (OS2), Multi-Mode (OM3/OM4/OM5)
Core Count	2 to 288 fibers
Jacket Material	LSZH, PVC, PE, HDPE
Temperature Range	-40°C to +70°C
Bend Radius	Per ITU-T G.652/G.657 standards
Armor Options	Steel tape, corrugated steel, rodent resistant
Standards	ITU-T G.652, G.657, TIA/EIA-568
Fire Rating	OFNR, OFNP, LSZH options available

Applications

- Telecommunications networks

- Data centers and server rooms

- Campus backbone infrastructure

- Long-haul transmission

- FTTH (Fiber to the Home)

- Industrial automation

- Oil & gas installations

- Utility SCADA systems

Key Features

- Ultra-low attenuation for extended reach

- Bend-insensitive fiber options (G.657)

- Water-blocking technology for outdoor use

- Rodent and crush resistant designs

- Pre-terminated assemblies available

- UL Listed and CSA certified

- Made in accordance with RUS specifications