

# ROC™ Drop Dielectric Cables with FastAccess™ Technology, 1-Fiber

A Corning Cable Systems Product

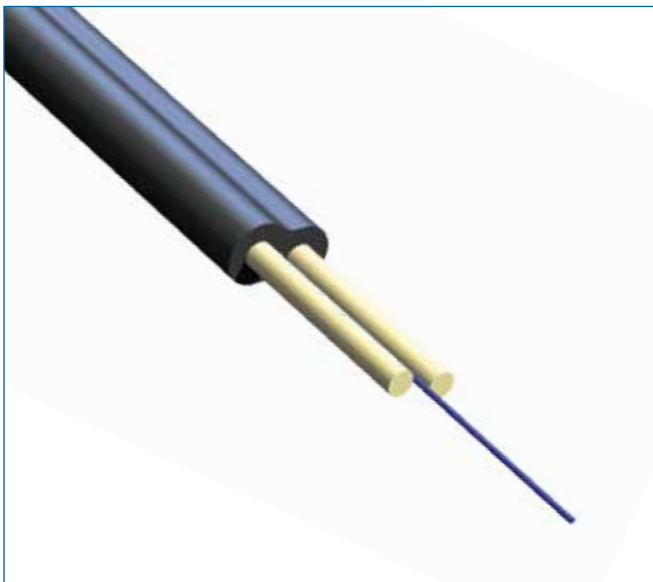
## features and benefits |

<b>FastAccess Technology</b>	Saves time and reduces complexity
<b>No special tools</b>	Ease of use
<b>Backward compatible</b>	Enables fast connectorization and splicing
<b>Innovative cable design</b>	Retains industry-standard hardware compatibility such as wedge clamps
<b>Dielectric</b>	Eliminates bonding and grounding requirements
<b>Compact, robust design</b>	Improves ease of handling and installation; reduces transportation and storage costs

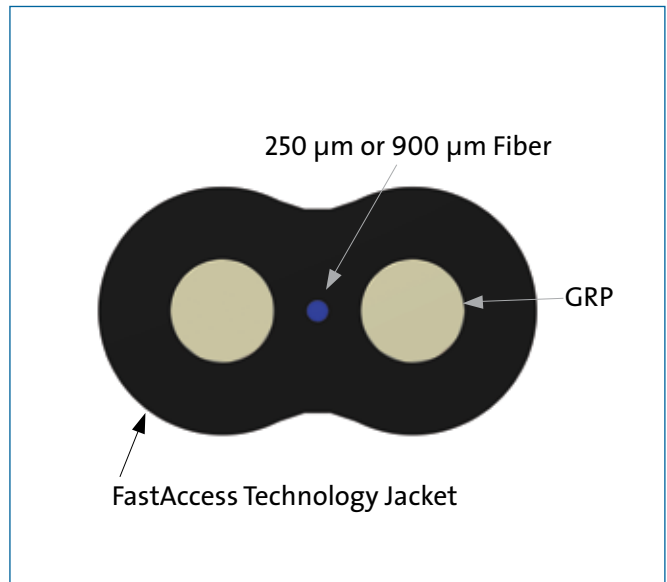
ROC™ Drop Dielectric Cables with FastAccess™ Technology provides a more efficient, craft-friendly cable preparation unparalleled by traditional flat drop cables. The innovative FastAccess Technology design simplifies removal of the cable jacket resulting in up to 55 percent faster fiber access time than traditional drop cables. This technology improves ease of use because no special tools are needed. The cable design is backward compatible for easy connectorization or splicing. Optimized for both field-and-factory termination processes, the compact design allows for easier handling in the field, reduces slack storage requirements and improves transportation and storage costs. The dielectric version eliminates any bonding and grounding requirements. ROC Drop Dielectric Cables with FastAccess Technology are also available in preconnectorized assemblies.

## standards |

Meets Telcordia GR-20 requirements



ROC Drop Dielectric Cable | Drawing CRR435



ROC Drop Dielectric Cable | Drawing CRR436

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## specifications |

<b>Temperatures</b>	Storage:	-40° to +70°C (-40° to +158°F)
	Installation:	-30° to +70°C (-22° to +158°F)
	Operating:	-40° to +70°C (-40° to +158°F)
<b>Duct/Direct Buried Installation Maximum Tensile Loads</b>	Installation:	1350 N (300 lbf)
	Long-Term:	400 N (90 lbf)
<b>Aerial Installation Maximum Tensile Load</b>		1350 N (300 lbf)

NESC Environmental Loading Condition for Subscriber Drop Application	1% Installation Sag Maximum Span Distance m (ft)	Sag at Environmental Loading (%)	3% Installation Sag Maximum Span Distance m (ft)	Sag at Environmental Loading (%)
Heavy	45.7 (150)	5.1	56.1 (184)	6.0
Medium	77.7 (255)	4.7	97.5 (320)	5.8
Light	100.6 (330)	4.0	134.1 (440)	5.3

*Note: Longer spans are possible if maximum applied load is not exceeded during environmental loading. Span calculations require known initial loading (force or percent sag), cable weight and anticipated environmental loads. Corning Cable Systems Engineering Services will assist with span calculations for unique circumstances. Contact 800-743-2671 or +1-828-901-5000 internationally, for more information. Information given is for aerial self-supporting.*

Fiber Count	Nominal Weight kg/km (lb/1000 ft)	Nominal Dimensions mm (in)	Minimum Bend Radius Installed cm (in)
1	14.6 (9.7)	5.4 x 3.0 (0.21 x 0.12)	6.3 (2.46)

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## transmission performance |

	Single-Mode
Fiber Code	E
Performance Option Code	00
Fiber Type (µm)	Low-water-peak standard single-mode*
ISO/IEC 11801 Nomenclature	OS2
Wavelength (nm)	1310/1383/1550
Minimum Attenuation (dB/km)	0.35/0.35/0.25

\* ITU 652.D compliant.

Notes:

- 1) Improved attenuation option available.
- 2) Bend-insensitive single-mode fibers available on request.
- 3) Contact Corning Cable Systems Customer Care for additional information.

## ordering information |

Part Number	Description
<b>001EB4-14700DF0</b>	ROC™ Drop Cable with FastAccess™ Technology, 1 fiber, low-water-peak 250 µm single-mode fiber, dielectric strength members, PE jacket, lengths marked in feet, with FastAccess™ technology
<b>001EB4-14700DF9</b>	ROC™ Drop Cable with FastAccess™ Technology, 1 fiber, low-water-peak 900 µm single-mode fiber, dielectric strength members, PE jacket, lengths marked in feet, with FastAccess™ technology

### Packaging Options

<b>Convenient “Contractor-Sized” Packaging</b>	609.6 m (2000 ft); no specialized equipment needed
<b>Traditional Bulk Packaging</b>	Up to 12,100 m (40,000 ft); typically requires reel payoff equipment; standard

Note:

- 1) Standard shipping method is traditional bulk packaging.
- 2) Contact Corning Cable Systems Customer Care to request contractor-sized packaging.

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notes |

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