ROC™ Drop Toneable Cables with FastAccess™ Technology

900 µm, 1 F, Single-mode (OS2)

CORNING

ROC™ Drop Toneable 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 toneable version allows for easy detection of buried cables with a toning conductor. ROC Drop Toneable with FastAccess Technology are also available in preconnectorized assemblies.

Features and Benefits

FastAccess technology
Saves time and reduces complexity

No special tools
Ease of use

Backwards compatible
Enables fast connectorization and splicing

Innovative cable design
Retains industry standard hardware compatibility such as wedge clamps

Toneable
Underground detection

Compact, robust design
Improves ease of handling and installation; reduces transportation and storage costs

Standards

Listings	Meets Telcordia GR-20 requirements

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Specifications

General Specifications	
Environment	Outdoor
Application	Self-Supporting
Cable Type	Drop
Product Type	Duct/Direct Buried
Fiber Category	Single-mode (OS2)

Temperature Range	
Storage	-40 °C to 70 °C (-40 °F to 158 °F)
Installation	-30 °C to 70 °C (-22 °F to 158 °F)
Operation	-40 °C to 70 °C (-40 °F to 158 °F)

Cable Design	
Fiber Count	1
Fiber Coloring	Blue
Tensile Strength Elements and/or Armoring - Layer 1	Dielectric strength members
Outer Jacket Material	Polyethylene (PE)
Outer Jacket Color	Black
Toning Conductor	Copper wire 24 AWG

Mechanical Characteristics Cable	
Max. Tensile Strength, Long-Term	400 N (90 lbf)
Max. Tensile Strength, Short-Term	1350 N (300 lbf)
Weight	17.9 kg/km (12 lb/1000 ft)
Nominal Outer Diameter	6.6 mm x 3.0 mm (0.26 in x 0.12 in)
Min. Bend Radius Installation	63 mm (2.46 in)

Chemical Characteristics	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU

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Fiber Specifications

Optical Characteristics (cabled)	
Fiber Name	Single-mode (OS2)
Fiber Category	G.652.D
Fiber Code	E
Performance Option Code	01
Wavelengths	1310 nm / 1383 nm / 1550 nm
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.3 dB/km

Ordering Information

Part Number	001EB1-14701DF9
Product Description	ROC™ Drop, Toneable, Gel-Free Cable, 900 µm, 1 F, Single-mode (OS2)
EAN Code	4056418139319

Shipping Information

Convenient Contractor-sized Packaging Length	1,372 m No specialized equipment needed (4,500 ft No specialized equipment needed)
Traditional Bulk Packaging	up to 2744 m typically require reel payoff equipment;up to 9000 ft typically require reel payoff equipment
Reel-in-a-box packaging	up to 488 m no specialized equipment needed, payoff cable from the boxup to 16000 ft no specialized equipment needed, payoff cable from the box

RoHS COMPLIANT

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