

ActiFi® Composite Cable Loose Tube, Outdoor, 2 F, 2 Cu Conductor, 16AWG



Part Number:
002ZTF-D1035M20

Corning® ActiFi® Composite Class 3 Limited Power Cables provide the ultimate solution for outdoor remote powering of distributed antenna systems, optical networks, small cells and other devices at the edge of the network. Corning's ActiFi® cables also provide a time- and cost saving solution for installations requiring remotely powered equipment. By integrating linear laid copper and loose-tube fibre in one cable, ActiFi® cables eliminate the need to install separate power and fibre cables. This saves installation time, labor costs and duct or tray space. This compact and versatile design is available with an interlocking armor option for additional protection where conduit may not be feasible. When installing this cable in duct, the cable end should be sealed to prevent water ingress from the end of the cable.

Features and Benefits

2-in-1 composite cable design

One cable meets power and signal needs

Mutual capacitance between adjacent conductors

<50 pF/ft

Individual fibers

Easily accessible for termination

16 AWG copper conductor

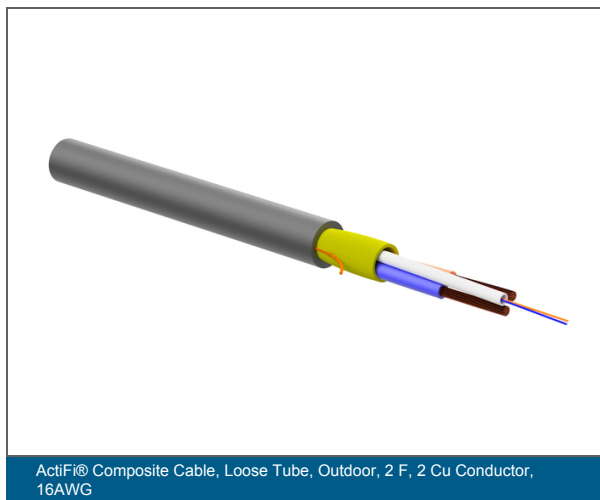
Power transmission with flexibility in design

Conductor colour code

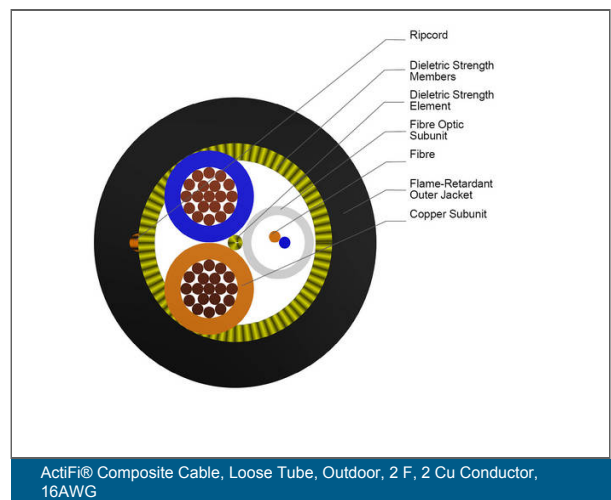
Closely follows Telcordia fiber color code

2 fiber SMF-28® Ultra fibers

Reliable performance in challenging routes



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Specifications

General Specifications	
Environment	Outdoor
Cable type	Loose tube
Fibre category	SMF-28® Ultra fibre
Application	Duct
Fibre count	2

Standards	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU

Environmental Conditions	
Temperature range, installation	0 °C to 60 °C
Temperature range, operation	-40 °C to 70 °C
Temperature range, storage	-40 °C to 70 °C

Cable Design	
Central element	Yarn
Fibre count	2
Number of ripcords	1
Outer jacket colour	Black
Buffer tube colour	White
Buffer tube diameter	2 mm
Conductor	AWG 16
Number of active tubes	1
Number of conductors	2
Number of tube positions	1

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Cable Design	
Fibre colouring	Blue, orange
Fibres per tube	2

Mechanical Specifications	
Max. tensile strength, long-term	133 N
Min. bend radius installation	91 mm
Min. bend radius operation	60.96 mm
Nominal outer diameter	6.1 mm

Dimensions	
Cable Weight	210 kg/km



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