

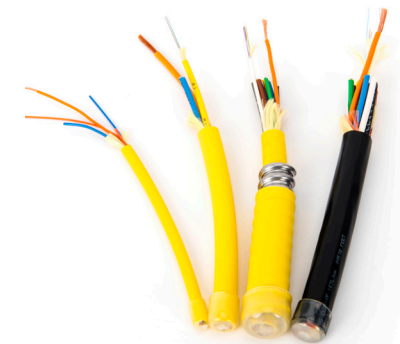
# New Product Customer Bulletin

- ActiFi® Flame-Retardant Composite Cables

Corning's ActiFi® flame-retardant (FR) composite cables provide the ultimate solution for indoor remote powering of distributed antenna systems, optical networks, small cells and more. Also known as hybrid cables, these cables are made with both stranded copper and fiber, under one jacket – the fiber for data transmission and the stranded copper for remote powering. ActiFi® cables combine the distance and bandwidth capabilities of single mode fiber with the power-carrying capability of stranded copper conductors.

## Features

- 1F – 24F Corning® ClearCurve® ZBL Fiber or Corning® SMF-28® Ultra Fiber
- Class 3 limited power copper stranded conductors from 20 – 12 AWG
- Conductor count from 2 – 12 copper conductors
- Loose tube or tight-buffered fiber cable design
- Indoor plenum or indoor/outdoor riser flame-rated jacket
- Interlocking armor available
- Mutual capacitance, between adjacent conductors, <50 pF/ft
- Compliant with ICEA S-83-596 or ICEA S-83-696



ActiFi™ Product Family

## Benefits

### Multi-purpose

Brings power AND fiber to the edge of the network

### Compatibility

- Delivers remote power to the edge via Corning's power supply unit (PSU6)
- Enables fiber-deep, future-ready and flexible networks via Corning's software-defined LAN
- Simplifies access controls for security cameras via Corning's Touchless Networking
- Enables optical networks, DAS, small cell solutions, security systems, WiFi, IPTV, voice, A/V, smart lighting, etc.



Reel-in-a-Box

## Reach

Extends traditional copper limit beyond 300 feet

## Certified Solution

Offers solution for use with Digital Electricity™ and +/-190VDC installations; Volt Server certified

## Value

- Eliminates single-purpose infrastructure, bringing both fiber and power to the edge
- Promotes faster installation time due to fewer cable runs and lighter cable bundles (also available in bulk reels or reel-in-a-box in limited config.)
- Enables a future-ready network, eliminating the need for future moves, adds, and changes

## Customer Profile

Consultants, contractors, installers, and end users within the hospitality, senior living, K-12 and higher ed, commercial real estate, and healthcare sectors

## Part Numbers\*

	awg	20	18	18	16	16	16	12
Fiber Count	CU conductors	2	4	6	2	6	12	4
2	TB Plenum	002Z48-21Z31MB2			002Z68-21Y31MB2			
4	TB Plenum		004Z48-41V31M29					
4	250 μm I/O Riser							004ZDF-41W01M20
6	250 μm Plenum			006ZT8-61V01M20		006ZT8-61Y01M20		
6	250 μm I/O Riser					006ZTF-61Y01M20		
12	250 μm Plenum w/ IA						012ZT8-M1Y01MA3	

## Price

There is a variable price premium for ActiFi cables due to the ability to leverage bandwidth and distance capabilities in one cable. We have priced competitively when in comparison to pulling traditional separate fiber in the vertical and copper in the horizontal. Pricing subject to change based on fiber count and cable construction.

\*All part numbers listed above are available in bulk reel, while the first part number is available in our reel-in-a-box configuration.

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