



Connecting a Wireless World

OptiFlex™

Hybrid Custom Cable Solutions

Configured to your site requirements.
Simply **CLIMB—ATTACH—
CONNECT—YOU'RE DONE!**

Fiber and Power

Factory Terminated

Weatherproofed

Highly Flexible

Versatile Design
Capability

2 Gauge Low Loss
DC Cables Available



Perfect Solution for Tall Tower 4G Upgrades

Power multiple radio heads up to 550 feet with less than 10% voltage drop (based on 950 watt radios, may vary with custom configurations)

Manufactured by



Cables Unlimited
Division of RF Industries

(800) 590-9965

(631) 563-6363

www.cables-unlimited.com

quotes@cables-unlimited.com

Manufactured in the USA



OptiFlex is a trademark of Cables Unlimited, division of RF Industries

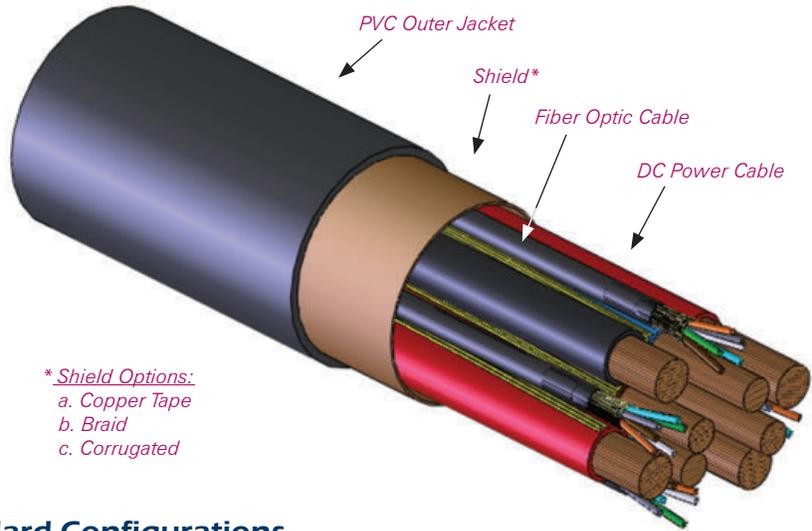
Note: Specifications subject to change without notice



OptiFlex™ Custom Hybrid Cable

Features

- Fiber optic and DC power cables
- Factory terminated fiber by Corning certified technicians maximizes system performance by minimizing errors caused by field terminations and decreases installation time dramatically.
- Flexible copper tape shield serves as grounding function, eliminating the need for additional cables.
- Can be deployed in lengths up to 550' with less than 10% voltage drop, based on 950 watt radios. (May vary with custom configurations.)
- Heat, moisture and UV resistant PVC outer jacket with direct burial capability
- Weatherized from end to end, insuring optimal performance in rugged environments
- Uses standard tower mounting hardware
- Flexible braided outer shield versus traditional corrugated aluminum or copper hybrid cables
- Lighter compared to corrugated outer shield, decreasing tower load
- Optional braided or corrugated shield configurations available
- Can be manufactured to site requirements
- Direct installation without the need for additional box on the tower, reducing carriers' CAPEX and wind loading



* Shield Options:
 a. Copper Tape
 b. Braid
 c. Corrugated



Standard Configurations

For reference only. Contact Cables Unlimited for breakout and termination options.

Description	Part Number
6 conductor 10 AWG, 2 conductor 8 AWG, 18 strand single-mode (SM) fiber with LC connectors.	6A2B18SMLCXXXFT
2 conductor 10 AWG, 2 conductor 8 AWG, 2 conductor 6 AWG, 6 strand multi-mode (MM) fiber with LC connectors.	2A2B2C6MMSCXXXFT
4 conductor 10 AWG, 4 conductor 8 AWG, 12 strand single-mode (SM) fiber with LC connectors.	4A4B12SMLCXXXFT
2 conductor 8 AWG, 2 conductor 6 AWG, 6 strand multi-mode (MM) fiber with LC connectors.	2A4C06MMLCXXXFT

Note: XXX indicates length in feet

Custom Configurations

Complete the checklist below and contact Cables Unlimited.

Variable	Options
Number of fibers	6 to 48
Single-mode or Multi-mode	SM or MM
AWG of wire conductors (power cables)	2, 4, 6, 8, 10, 12
Number of conductors (power cables)	2, 3, 4, 6, 8
Total length in feet	
Breakout and Terminations – Side A (Tower Top)	
Number of Remote Radio Heads	
Length in feet	
Fiber connector terminations	LC or SC
Power conductor terminations	
Breakout and Terminations – Side B (Bottom/Equipment)	
Length in feet	
Fiber connector terminations	LC or SC
Power conductor terminations	

Cables Unlimited Certifications



ISO9001



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