

Product Description

Series 5F combines the broadband performance of CAT 5e with the unlimited capacity of optical fiber. A BBDNe CAT 5e Outside Plant (OSP) cable and a Series 513 optical fiber cable are overjacketed into one cable in order to offer flexibility and ease of installation.

Applications

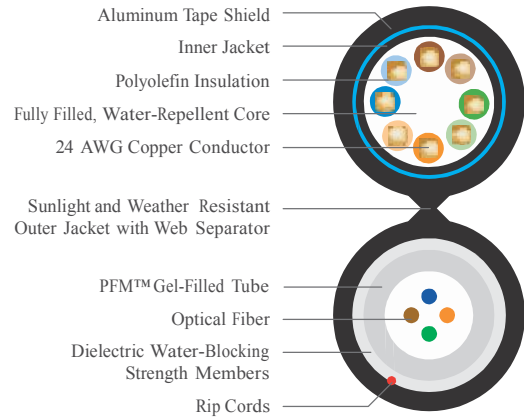
- Drop cables
- Broadband network
- Fiber to the premise

Features

- Fiber and CAT 5e
- Overjacket design
- Single unit construction
- Available with 1-fiber up to 12-fiber
- PFM™ gel

Benefits

- Offers the maximum bandwidth for FTTP business, etc.
- Ease of use
- Lower installation costs
- High capacity
- Non-sticky gel reduces installation time and labor cost



Composite Specifications

Single Jacket Design	Copper and fiber independent cables are jacketed into one cable in order to offer flexibility and ease of installation
Standards Compliance	Copper and fiber cables meet applicable Telcordia and TIA standards

Environmental Specifications

Operation/Storage	-40°C to +70°C
Installation	-30°C to +70°C

OSP Copper Specifications

Conductor	CAT 5e 4-pair 24 AWG solid annealed copper
Core Filling	Thixotropic gel
Shield	Coated smooth aluminum tape
Water Block	Super absorbent polymer

Optical Fiber Specifications

Construction	Series 513 single loose tube design with optical fibers placed inside a PFM gel-filled tube
Fiber Count	Up to 12 optical fibers
Strength Members	Core is helically wrapped with dielectric water-blocking strength members
Water Block	Super absorbent polymer

Part Numbers and Physical Characteristics

Part Number	Fiber Count	Fiber Type	Nominal Diameter in (mm)	Approx. Weight lbs/kft (kg/km)	Bend Radius in (mm)	Maximum Tensile Load		Standard Quantity ft (m)
						Install lbs (N)	Long Term lbs (N)	
111-003-30	4	RWP SMF	0.63 (16) x 0.43 (10.9)	100 (148.8)	5.5 (139.7)	300 (136)	100 (45)	5,000 (1,524)

Part number listed are RWP single mode optical fiber only. Other fiber types are available. See the "Optical Fiber Selection Chart" in the "Technical Information" section for detailed fiber type specifications.