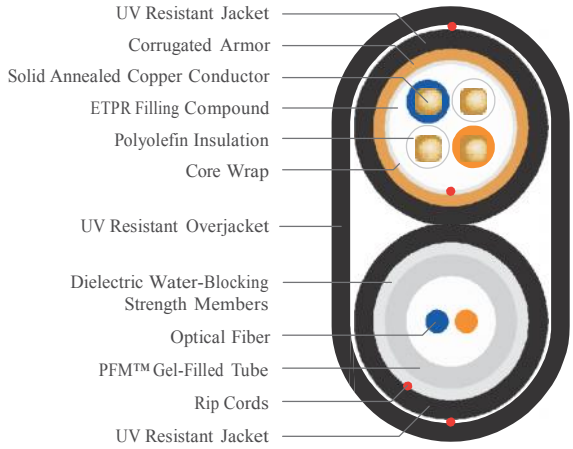
Besten
Wire and Cable Corporation

COMPOSITE DROP OVERJACKET
Series 71 OJ

Product Description

Series 71 OJ Composite Drop Cables combine fiber and copper technologies in an overjacket design. The independent Series 513 optical fiber cable and the BSW Outside Plant (OSP) copper cable are combined into one overjacketed cable. The composite design provides a cost benefit compared to installing separate fiber and copper cables.

This design allows great flexibility regarding the independent cables used in the overall construction. These independent cables are encased in an outer jacket with a rip cord included for ease of entry.



Applications

- Network power and FTTP
- Drop cables

Features	Benefits
• Independent fiber and copper cables combined in a overjacket design	• Lightweight, flexible construction
• Overjacket design	• Easy separation of technologies
• Combined transport technologies in one cable	• Cost-effective installation
• Various combinations and multiple fiber types available	• Ideal for multiple projects
• PFM™ gel	• Non-sticky gel reduces installation time and labor cost

Composite Specifications

Single Jacket Design	Independent copper and fiber cables are encased in a outer jacket with a rip cord
Standards Compliance	Copper and fiber cables meet applicable Telcordia, RDUP and ICEA specifications RoHS-compliant

Environmental Specifications

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

BSW OSP Copper Specifications

Conductor	Solid annealed copper
Insulation	Solid polyolefin
Core Wrap	Non-hygroscopic
Filling Compound	80°C ETPR compound for water-blocking protection
Shield	Corrugated armor

Optical Fiber Specifications

Construction	Series 513 single loose tube design features 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

Part Numbers and Physical Characteristics

				Nominal Diameter			
Part Number	Copper Pair Count x AWG	Fiber Count	Fiber Type	Copper Component in (mm)	Fiber Component in (mm)	Approx. Weight lbs/kft (kg/km)	Package
171-055-02	2 x 22	2	RWP SMF	0.27 (6.9)	0.26 (6.7)	114 (170)	8,000' Reel
171-402-02	5 x 22	2	RWP SMF	0.32 (8.1)	0.26 (6.7)	136 (202)	8,000' Reel

Part numbers 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.