



SINGLEMODE, LOOSE TUBE SINGLE JACKET, ARMORED Optical Fiber Cable — 12, 72, 96 FIBERS

DESCRIPTION

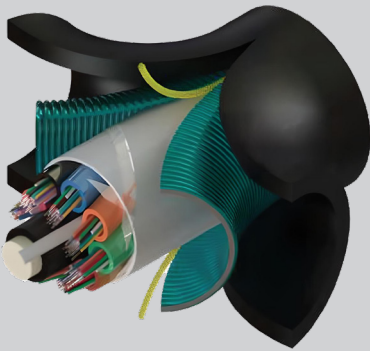
Outside Plant Loose Tube Optical Fiber Cable — 12-, 72-, 96-Fiber Single Armor, Singlemode.

FEATURES

- All-dry (Gel-free)
- Flexible Loose Tube
- Corrugated Steel Armor
- Color-Coded Fibers
- Water Blocking
- UV Resistant
- Rodent Deterrent
- Crush Resistant
- Impact Resistant
- Aramid ripcords allow for easy stripping

APPLICATIONS

- Outside Plant Installations
- Direct Burial
- Duct
- Aerial Lashed



PART NUMBERS — 12, 72, 96 FIBERS

282-ARM012/BK	12 Fibers, Loose Tube Light Armored, Dry, Black
282-ARM072/BK	72 Fibers, Loose Tube Light Armored, Dry, Black
282-ARM096/BK	96 Fibers, Loose Tube Light Armored, Dry, Black

Transmission Performance

OFS® Fiber Type	G652.D
Max Attenuation	0.36/0.25 dB/km (maximum attenuation after cabling process)
Wavelengths	1310/1550 nm

Installation Requirements — Mechanical & Environmental

Fiber Count	12	72	96
Nominal Outer Diameter (+/- 5%)	0.49 in. (12.5 mm)	0.49 in. (12.5 mm)	0.56 in. (14.1 mm)
Dielectric Central Strength Member Diameter (Without PE / With PE)	0.1 in. (2.6 mm)	0.1 in. (2.6 mm)	0.12 in. / 0.17 in. (3 mm / 4.2 mm)
Tensile Strength (N) (lbf) (Long-Term / Short Term)	890 / 2,700 (200/607)	890 / 2,700 (200/607)	890 / 2,700 (200/607)
Crush Resistance	4,400 N/100 mm / 2,200 N/100 mm		
Min. Bend Radius (Operation/Installation)	10 x cable O.D. / 20 x cable O.D.		
Temperature Range (Installation)	-30°C to 70°C (-22° F to 158° F)		
Temperature Range (Storage/Transport)	-40°C to 70°C (-40° F to 158° F)		
Temperature Range (Operation)	-40°C to 70°C (-40° F to 158° F)		

Standards and Certifications

ISO-9001:2015, Telcordia, GR-20, IEC 60794, ANSI/ICEA S-87-640

VERTICAL CABLE

951.696.7772 California

800.749.2447 Florida

845.391.8318 New York

713.322.7242 Texas

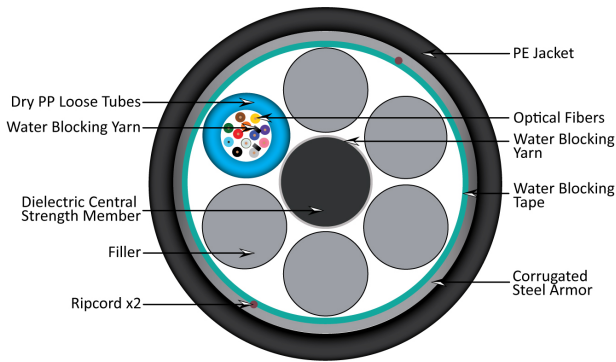


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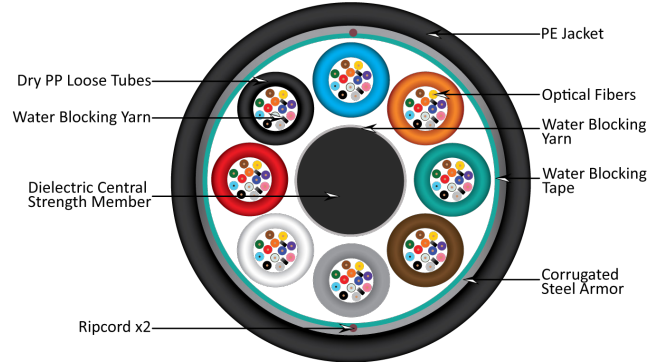
Rev. 12/2024

Specs subject to change without notice.
It is the sole responsibility of the user to have the most current specs.

Construction			
Fiber Count	12	72	96
Cable Weight (Nom.)	105 lb/kft (157 kg/km)	105 lb/kft (157 kg/km)	114 lb/kft (170 kg/km)
Loose Tube/ Fillers	1/5	6/0	8/0
Fiber Color Coding per TIA-598-D	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua		
Fiber Count per tube	6-12		
Loose Tube Material	Polypropylene (PP)		
Loose Tube Diameter	0.1 in. (2.5 mm)		
Water Blocking Material	Water Swellable Yarn and Tape		
Dielectric Central Strength Member	FRP (Fiber Reinforced Plastic)		
Stripping Material	Ripcord		
Outer Jacket Material	Polyethylene (PE)		
Jacket Thickness	0.06 in. (1.6 mm)		
Jacket Color	Black		
Jacket Printing***			
=XXXXFT= =2/24 WAVEOPTICS OPTICAL CABLE= =SJSAD= =PP= =(SYMBOL)= =G652.D= =(FIBER TYPE)=			



12-FIBER



96-FIBER

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