



VERTICAL CABLE

DESCRIPTION

Outside Plant Loose Tube Optical Fiber Cable
— 6-, 12-, 72-, 96, 288-Fiber Single Armor,
Singlemode, Black

FEATURES

- All-dry (Gel-free)
- Flexible Loose Tube
- Corrugated Steel Armor
- Color-Coded Fibers
- Aramid ripcords allow for easy stripping
- Exceeds ISO-9001:2015, Telcordia, GR-20, IEC 60794, ANSI/ICEA S-87-640
- RoHS compliant



6 - FIBERS



12 - FIBERS



72 - FIBERS



96 - FIBERS

OPTICAL FIBER LOOSE TUBE CABLE

ARMORED | SINGLEMODE | SINGLE JACKET

282-ARM SERIES

PART NUMBERS			
282-ARM006/BK	6 (Fibers)	282-ARM072/BK	72 (Fibers)
282-ARM012/BK	12 (Fibers)	282-ARM096/BK	96 (Fibers)
282-ARM288/BK		288 (Fibers)	

STANDARDS AND CERTIFICATIONS

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

CONSTRUCTION

Fiber Count:	6-12	72	96	288
Cable Weight:	105 lb/kft (157 kg/km)		114 lb/kft (170 kg/km)	199 lb/kft (296 kg/km)
Loose Tube/Fillers:	1/5	6/0	8/0	24/0
Fiber Color Coding:	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua			
Fiber Count per Tube:	2-12			
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 Marking:	=XXXXFT= =2/24 WAVEOPTICS OPTICAL CABLE= =SJSAD= =PP= =(SYMBOL)= =G652.D= =(FIBER TYPE)=			



288 - FIBERS

Florida (HQ)
800-749-2447

California
951-696-7772

New York
845-391-8318

Texas
713-322-7242

verticalcable.com



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TRANSMISSION PERFORMANCE

OFS® Fiber Type:

Max Attenuation:

Wavelengths:

MECHANICAL & ENVIRONMENTAL

Fiber Count:

Nom. Outer Diameter:

Dielectric Central Strength Member Diameter
(Without PE / With PE):

Tensile Strength (N) (lbf) (Long-Term / Short Term):

Crush Resistance:

Minimum Bend Radius (Operation/Installation):

Temperature Range (Operation):

Temperature Range (Installation):

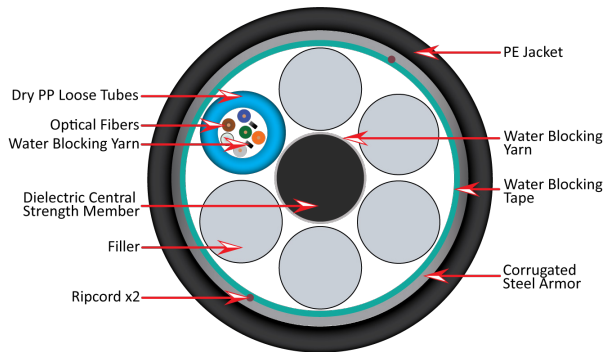
Temperature Range (Storage/Transport):

G652.D

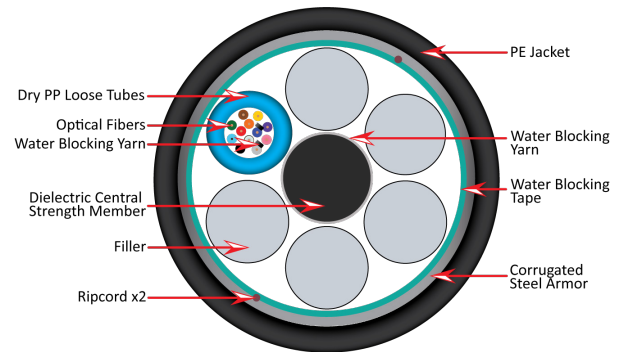
0.36/0.25 dB/km (maximum attenuation after cabling process)

1310/1550 nm

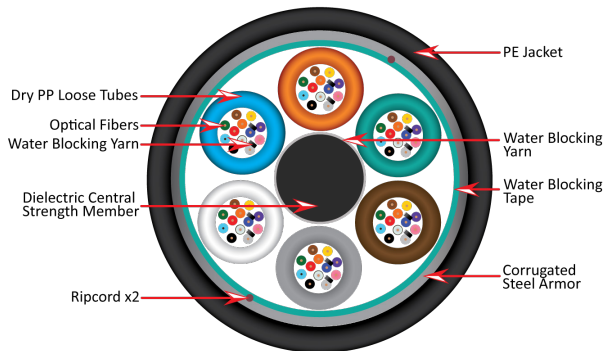
6-12	72	96	288
0.49 in. (12.5 mm)	0.56 in. (14.1 mm)	0.80 in. (20.4 mm)	
0.1 in. (2.6 mm)	0.12 in. / 0.17 in. (3 mm / 4.2 mm)	0.12 in. / 0.2 in. (3 mm / 5 mm)	
890 / 2,700 (200 / 607)			
4,400 N/100 mm / 2,200 N/100 mm			
10 × cable O.D. / 20 × cable O.D.			
-40°C to 70°C (-40° F to 158° F)			
-30°C to 70°C (-22° F to 158° F)			
-40°C to 70°C (-40° F to 158° F)			



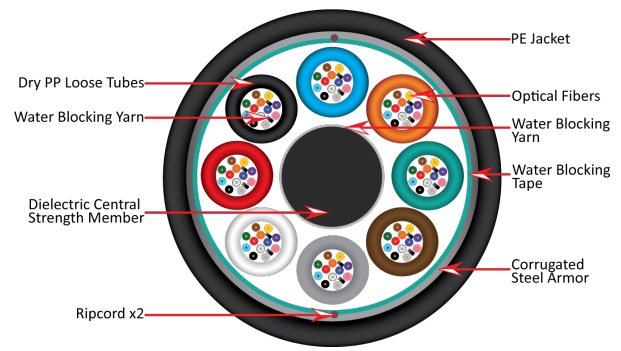
6 - FIBERS



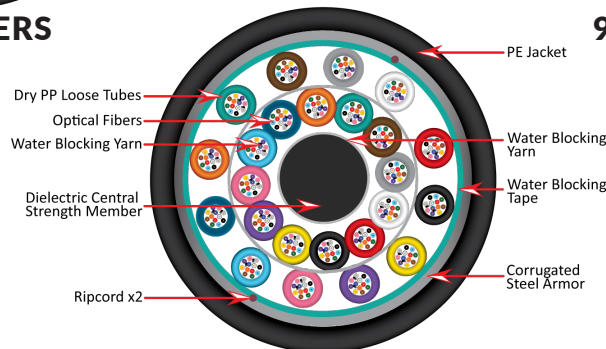
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VC fiber



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