



Central Loose Tube Armored Cable Dry / PP

FOSPC-0XX-X-SJSADUT8-FTXXX-US / 1-12 Fibers

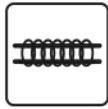
Applications



Outdoor



Duct Installation



Lashed



Direct-buried

Protections



UV Resistant



Water Blocking



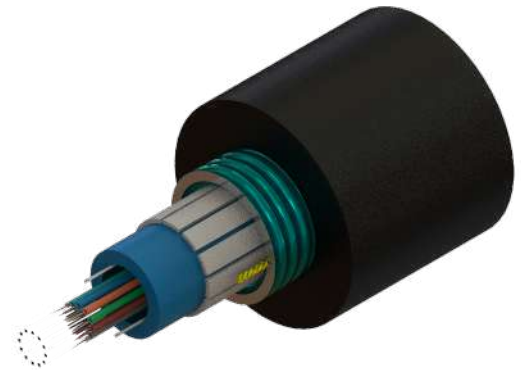
Crush Resistant



Rodent Deterrent



Impact Resistant



CENTRAL LOOSE TUBE ARMORED CABLE
DRY 12F G652.D FIBER FT

Description

Waveoptics® Central Loose Tube Armored Cable Dry is designed for direct-buried installation, as well as for duct and aerial (lashed) installation.

Single dry loose tube made of PP which provides great mechanical properties under a wide range of conditions such as crush test and impact test. Dry water blocking yarn technology allows a cleaner and quicker installation as well as a cost-friendly cable preparation.

PE single jacket with additives makes a resistant, durable and easy to strip cable, providing superior protection against UV radiation, fungus, abrasion and other environmental factors.

Two ripcords ensure a quick fiber access.

The cable contains water blocking glass yarn that helps increase tensile strength and also provides protection against water penetration.

Quality

Waveoptics® is a ISO-9001:2015 certified company.

We meet or exceed the following international standards:

- Telcordia GR-20: Generic requirements for optical fiber and optical fiber cable.
- IEC 60794: Basic requirements for optical fiber and cable elements.
- ANSI/ICEAS-87-640: Standard for optical fiber outside plant communications cable.

Each Waveoptics® cable meets the highest quality standards in the industry and contains a compliance certificate in which the performed tests in our quality laboratory are physically attached.

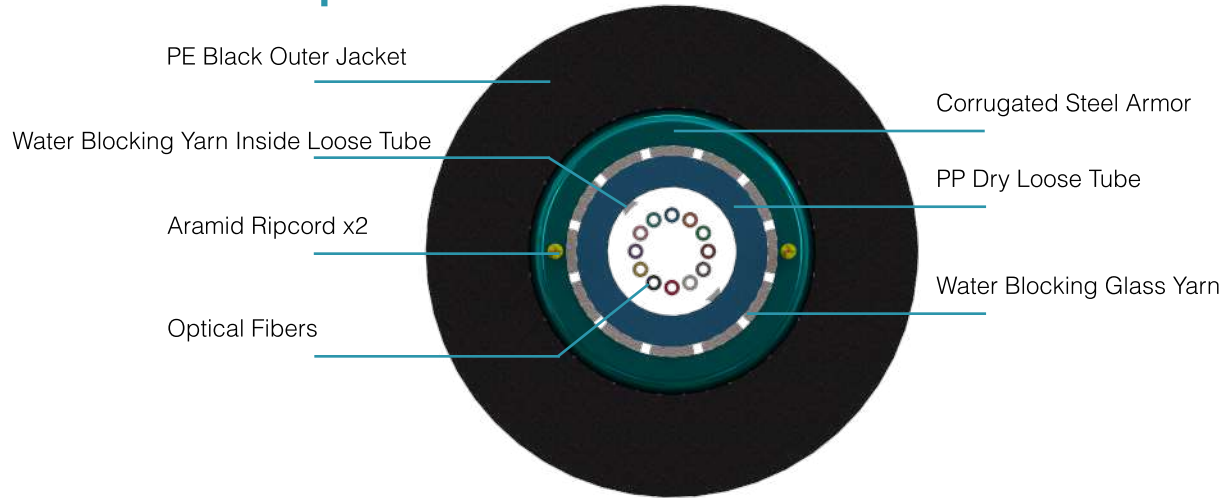
Folio PE-653-01-EN


Last Review 2/28/2023

TECHNICAL DATA SHEET OUTDOOR CABLE

FOSPC-0XX-X-SJSADUT8-FTXXX-US / 1-12 Fibers

Dimensions & Properties



Design	
Fiber per Ribbon	1 - 12
Fiber Color Code / Loose Tube Color Code	
Dielectric Peripheral Strength Member	Water blocking glass yarn
Outer Jacket Material / Thickness	Polyethylene / 1.9 mm (0.06 in)
Inner Tube Material / Diameter	PP / 3 mm (0.12 in)
Drum Length	5,000 ft, 10,000 ft, 15,000 ft & 20,000 ft (±5%)
Temperature Range	
Operation	-40°C to 70°C (-40° F to 158° F)
Installation	-30°C to 70°C (-22° F to 158° F)
Storage / Transport	-40°C to 70°C (-40° F to 158° F)
Mechanical Properties	
Crush Resistance (Short-Term / Long-Term)	2,200 N/100 mm / 1,100 N/100 mm
Minimum Bend Radius (Operation / Installation)	10 x OD / 20 x OD

Note: Waveoptics® recommends storing cable in a proper temperature environment prior to installation to allow the cable temperature to meet installation temperature range specifications for best installation results.




TECHNICAL DATA SHEET OUTDOOR CABLE

FOSPC-0XX-X-SJSADUT8-FTXXX-US / 1-12 Fibers

Dimensions & Properties

Fiber Count	Cable Weight (kg/km) (lb/kft) (±10%)	Tensile Strength (N) (lbf) Long-Term / Short-Term	Nominal Outer Diameter (mm) (in) (±5%)
1 - 12	77 (52)	445 / 1,335 (100 / 300)	8.2 (0.32)

Printed Information on Outer Jacket

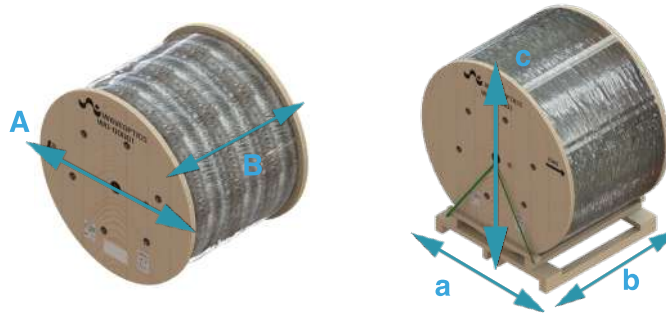
=/MONTH//YEAR/WAVEOPTICS OPTICAL CABLE==SJSA==UT==DRY==82==  ==/FIBER TYPE/= /FIBER COUNT/= /FEET*/FT==
 /LOT# / =

- Printed in white and resistant to physical tests on marking
- Marking interval: every 2 feet + 1%
- The marking can be changed according to customer requirements

TECHNICAL DATA SHEET OUTDOOR CABLE

FOSPC-0XX-X-SJSADUT8-FTXXX-US / 1-12 Fibers

Drum Dimensions and Pallet Packaging Information



Drum Length (ft) (m) (±5%)	Fiber Count	A (mm) (in) (±5%)	B (mm) (in) (±5%)	Drum and Pallet Total Weight (kg) (lb) (±10%)	Total Packaging (±5%)		
					a (mm) (in)	b (mm) (in)	c (mm) (in)
5,000 (1,524)	1 - 12	900 (36)	930 (37)	195 (430)	965 (38)	914 (36)	871 (34)
10,000 (3,048)		1,000 (39)	780 (31)	344 (758.3)	965 (38)	914 (36)	1,121 (44)
15,000 (4,572)		1,150 (45)	930 (37)	488 (1,076)	965 (38)	1,067 (42)	1,271 (50)
20,000 (6,096)		1,300 (51)	1,100 (43)	638 (1,407)	1,219 (48)	1,219 (48)	1,440 (57)

Note 1: Please contact your sales agent for higher fiber counts or different drum lengths available.

Note 2: All documentation included in each drum of cable is in english, if a different language is needed, please contact your sales agent.

All drums include:*

1. Drum handling instructions
2. Test report certificate
3. Product description (weight, dimensions, lot and part number)
4. End cable marking
5. Both ends include end caps to protect against humidity

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www.waveoptics.net

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TECHNICAL DATA SHEET OUTDOOR CABLE

FOSPC-0XX-X-SJSADUT8-FTXXX-US / 1-12 Fibers

Transmission Performance by Fiber Type

Fiber Type	Single Mode			
Waveoptics® Fiber Type	G652.D	G657.A1	G657.A2	G655.C
Waveoptics® Fiber Code	F	T	E	G
OFS® Fiber Type	G652.D	-	-	-
OFS® Fiber Code	1	-	-	-
Wavelength (nm)	1310/1550			1550/1625
Max.attn. (dB/km) (1)	0.36/0.25	0.36/0.25	0.35/0.25	0.25/0.27
Min. Bandwidth (MHz*km) (2)	-			
1-Gigabit Ethernet Distance (m) (3)	-			
10-Gigabit Ethernet Distance (m) (4)	-			
40/100-Gigabit Ethernet Distance (m) (5)	-			
Cable Marking Specifications	G652.D	G657.A1	G657.A2	G655.C

Notes:

(1) Maximum attenuation after cabling process

Part Number Configuration

FOSPC-0XX-X-SJSADUT8-FTXXX-US

Fiber Count **Waveoptics® Fiber Type** **OFS® Fiber Type** **Reel Length** **Optical Cable Compliance**

01 - 1 Fiber
02 - 2 Fibers
04 - 4 Fibers
06 - 6 Fibers
08 - 8 Fibers
12 - 12 Fibers

F - SM G652.D
T - SM G657.A1

1 - SM G652.D

OBM - 5,000 FT
OBG - 10,000 FT
OBO - 15,000 FT
OBV - 20,000 FT

US - Waveoptics® Standard

Note: please contact your Waveoptics® distributor if you need any additional compliance or if you have questions about the part number configuration.

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