

## Pushable Cable

### FOSPC-0XX-X-PS30-FT002-EX / 1-12 Fibers

#### Applications



Outdoor



Duct Installation



Bend  
Insensitive

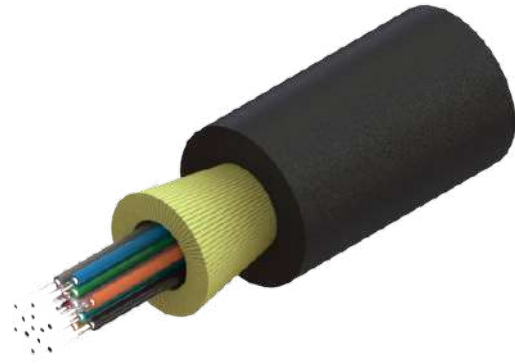
#### Protections



Water Blocking



Crush  
Resistant



PUSHABLE UV RESISTANT CABLE Gel-Filled  
12F G657A1 FIBER FT

#### Description

Waveoptics® Pushable Cable Gel-Filled is designed for installation in microducts.

Outer jacket made of PBT which provides great mechanical properties under a wide range of conditions such as crush test and impact test. Aramid yarn is used as a strength member. These two elements combined make a lightweight, robust and crush resistant cable that allows it to be pulled and pushed into a microduct, reducing fiber deployment cost, while maximizing the pulling and pushing distance.

#### 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/ICEA S-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.

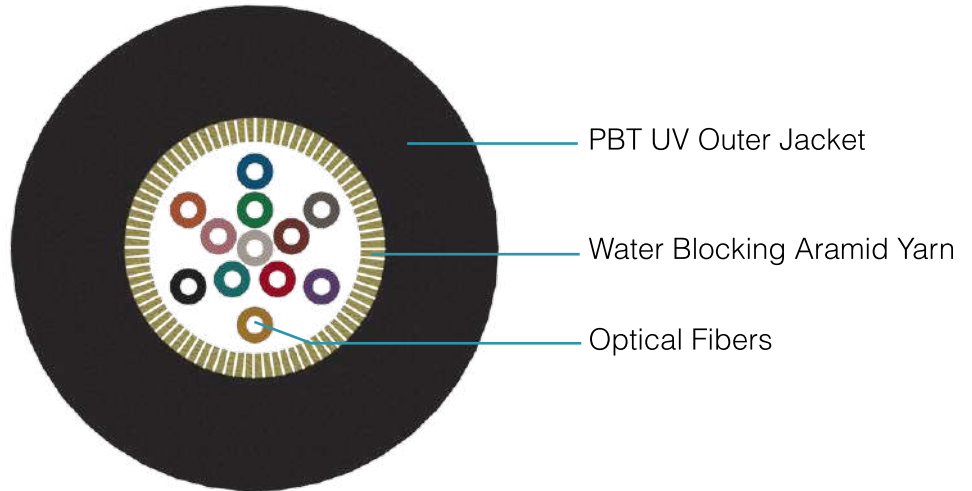
Folio PE-655-01-EN


Last Review 8/26/2022

# TECHNICAL DATA SHEET OUTDOOR CABLE

FOSPC-0XX-X-PS30-FT002-EX / 1-12 Fibers

## Dimensions & Properties



Design	
Fiber per Tube	1 - 12
Fiber Color Code	
Dielectric Strength Member	Water Blocking Aramid Yarn
Outer Jacket Material	PBT / 0.60 mm (0.118 in) (±5%)
Drum Length	3,200 ft or 10,000 ft (±5%)
Temperature Range	
Operation	-40°C to 70°C (-40° F to 158° F)
Installation	-30°C to 60°C (-22° F to 140° F)
Storage / Transport	-40°C to 70°C (-40° F to 158° F)
Mechanical Properties	
Maximum Crush Resistance	500 N/100 mm
Minimum Bend Radius	50 mm (1.97 in)

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.

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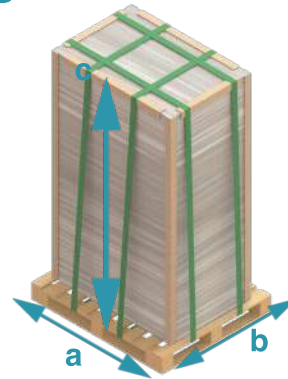
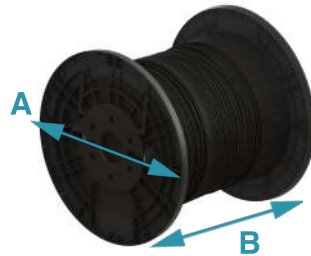
Fiber Count	Cable Weight (kg/km) (lb/kft) ( $\pm 5\%$ )	Tensile Strength (N) (lbf) (Long-term/Short-term)	Nominal Outer Dimensions (mm) (in) ( $\pm 5\%$ )
1 - 12	7.64 (5.13)	28 (6.3) / 92 (21)	2.95 (0.12)

## Printed Information on Outer Jacket

= /MONTH//YEAR/ WAVEOPTICS OPTICAL CABLE==PUSHABLE==  ==/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

## Drum Dimensions and Pallet Packaging Information



Drum Length (ft) (m) ( $\pm 5\%$ )	Fiber Count	A (mm) (in) ( $\pm 5\%$ )	B (mm) (in) ( $\pm 5\%$ )	Drum and Pallet Total Weight (kg) (lb) ( $\pm 10\%$ )	Total Qty. per Pallet	Total Packaging( $\pm 5\%$ )		
						a (mm) (in)	b (mm) (in)	c (mm) (in)
3,200 ( 1,067)	1-12	365 (14)	204 (8)	599 (1,321)	60	1,100 (40)	1,219 (48)	1,700 (67)
10,000 (3,048)		457 (18)	340 (13)	300 (661)	24	1,100 (40)	1,219 (48)	1,560 (61)

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

**Folio PE-655-01-EN**

**Last Review 8/26/2022**

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# TECHNICAL DATA SHEET OUTDOOR CABLE

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## Transmission Performance by Fiber Type

Fiber Type	Single Mode
Waveoptics® Fiber Type	G657.A1
Waveoptics® Fiber Code	T
Wavelength (nm)	1310/1550
Max.attn. (dB/km) (1)	0.36/0.25
Cable Marking Specifications	G657.A1

Notes:  
(1) Maximum attenuation after cabling process

## Part Number Configuration

# FOSPC-0XX-X-PS30-FT002-EX

Fiber Count	Waveoptics® Fiber Type	OFS® Fiber Type	Optical Cable Compliance
01 - 1 Fiber 02 - 2 Fibers 04 - 4 Fibers 06 - 6 Fibers 08 - 8 Fibers 12 - 12 Fibers	T - SM G657.A1	2 - AllWave® Flex	EX - Waveoptics® Slim Standard

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