

Toneable FTTP Tight Buffered Indoor/Outdoor Drop

Series W7T

PRODUCT DESCRIPTION

Series W7T FTTP is the first indoor/outdoor drop cable that is durable enough for outdoor environments and flexible enough for tight bends within residences. The patented design utilizes a fully functional 2.9 mm OFNR rated tight buffer cable as the core of a GR-20 OSP rated FTTP small flat cable. The key benefit of this cable is that it can be installed from the pedestal to the indoor ONT (Optical Network Terminal) with no intermediate termination. Significant installation savings can be realized by avoiding splicing or termination on the outside or inside wall of the residence. Further savings are realized by using an indoor ONT that does not require an electrician to install. This completely dry, flat drop cable is available in universal and toneable designs that are suitable for aerial, direct bury or conduit installation. A water-blocking thread is used to prevent water penetration.

APPLICATIONS

- Drop cables for aerial, direct bury or conduit installations
- Fiber to the premise for single family residences

FEATURES

- Toneable design
- Dielectric rods
- Indoor/outdoor design
- Meets GR-20 specifications
- Cable in a cable
- TeraFlex® fiber in a flexible tight buffer cable design
- Length marks are printed in both sequential feet and meters

BENEFITS

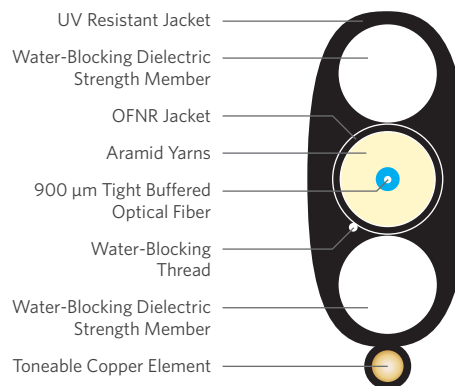
- Copper element allows for toneable location
- Excellent crush resistance
- Tight Buffered cable can be placed in a riser environment and is UL listed
- Industry accepted standard for OSP installations
- Eliminates splice at premises wall
- Inner cable can be wrapped around corners and stapled with no attenuation issues
- Eliminates need for length conversion

The Series W7 flat drop is designed for easy access using the FOD-2000 cable slitting tool from Jonard® Tools.

ENVIRONMENTAL SPECIFICATIONS

Operation/Storage	-40°C to +70°C
Installation	-10°C to +70°C

Jonard is a registered trademark of Jonard Industries Corporation.



SPECIFICATIONS

Maximum Span Length at 1% Sag ft (m)	Light Loading: 350 (101)
	Medium Loading: 275 (84)
	Heavy Loading: 150 (46)
Standards Compliance	Telcordia® GR-20-CORE RoHS-compliant

Telcordia is a registered trademark of Ericsson Inc.

MACRO BENDING PERFORMANCE

10 Turns on 15 mm Radius Mandrel	ITU G.657.A1	TeraFlex SMF
Macro bending loss @ 1550 nm	0.25 dB Max.	≤ 0.20 dB
Macro bending loss @ 1625 nm	1.00 dB Max.	≤ 0.50 dB
1 Turn on 10 mm Radius Mandrel	ITU G.657.A1	TeraFlex SMF
Macro bending loss @ 1550 nm	0.75 dB Max.	≤ 0.20 dB
Macro bending loss @ 1625 nm	1.50 dB Max.	≤ 0.20 dB

TeraFlex is an ITU G.657.A1 optical fiber that is completely compatible with ITU G.652.D optical fibers. TeraFlex exceeds the performance standards of ITU G.657.A1 as listed above.

PART NUMBER KEY

W	7	0	0	1 or 2	x	1	0	y
1	2	3	4	5	6	7	8	9
Product family	Fiber count (001 or 002)		Fiber type	Toneable	Internal designator	Water block/ marking (1-8)		

Contact Customer Service for availability of non-standard offerings.

PART NUMBERS AND PHYSICAL CHARACTERISTICS

Part Number ¹	Fiber Count	Nominal Dimensions			Nominal Weight lbs/kft (kg/km)	Cable Tensile Load		Cable Bend Radius		Fiber Component Bend Radius	
		Minor in (mm)	Major in (mm)	Fiber Component in (mm)		Install lbs (N)	Long Term lbs (N)	Install in (mm)	Long Term in (mm)	Install in (mm)	Long Term in (mm)
W7001x10y	1	0.17 (4.4)	0.36 (9.2)	0.11 (2.9)	31 (47)	300 (1,350)	90 (405)	3.4 (90)	1.7 (45)	2.2 (56)	1.1 (28)
W7002x10y	2	0.17 (4.4)	0.36 (9.2)	0.11 (2.9)	31 (47)	300 (1,350)	90 (405)	3.4 (90)	1.7 (45)	2.2 (56)	1.1 (28)

WATER BLOCK AND JACKET PRINT CODES

	Dry core		Dry core special	
	Feet	Meters	Feet	Meters
¹ Replace "y" with:	1	2	5	6

FIBER TYPES:

SINGLE MODE

TeraFlex® Bend Resistant

G.657.A1	G.657.A2	G.657.B3
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¹Replace "x" with:

K	J	L
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See "Optical Fiber Specifications" in the "Technical Info" section for detailed fiber type specifications.