Waveguide Extensions/Accessories
FiberPlex WET PVC Extension tubes for use with WGF series waveguides

FiberPlex

Waveguide Extension Tubes (WET) enable easier pass-through of fiber through walls up to 18 inches (45.7 cm) thick.

Overview

Waveguide Extension Tubes are made of PVC, are 18 inches (45.7 cm) long, and are internally threaded. They attach directly to Waveguide Filters without the need for a separate coupling nut.

The WET-18-A (which has an internal body thread size of 1-1/8 inch, 18 NEF) fits the WGF-6, WGF-461 and WGF-4.

The WET-18-B (which has an internal body thread size of 1-5/8 inch, 20 NEF) fits the WGF-12.

Note: If you are installing a WGF into a wall that is up to 2.51 inches (6.38 cm) thick, consider the Waveguide Extension Nut (WEN) (https://www.patton.com/WEN/) which provides an extension solution that maintains the mathematically calculated dimensions of the waveguide while creating a flush-mounted solution. Or if you are installing a WGF into a wall that is up to 12 inches (30.5 cm) thick, consider the Brass Waveguide Extension Tube (WEB) (https://www.patton.com/WEB/).

Features

- Extension tubes for WGF Waveguide filters
- Allows for easier routing of fiber through thick walls

Compatible Products
The **WET-18-A** can be used with these FiberPlex products:

WGF-6 Waveguide Filter with removable plug for pre-terminated fibers, 27 GHz Cutoff, 6 bores

WGF-461 Waveguide Filter with removable plug for pre-terminated fibers, 44.2 GHz Cutoff, 6 bores

WGF-4 Waveguide Filter, 18.5 GHz Cutoff, 4 bores

The **WET-18-B** is used with the WGF-12 Waveguide Filter, 27 GHz Cutoff, 12 bores

Specifications

The specifications for this product are contained in the User Manual

Ordering

#	Model #	Description	Availability
1	WET-18-A	Waveguide extension tube, plastic (PVC), 18 in long, internal body thread size 1.125 in, 18 NEF, for extending WGF-4, WGF-6, WGF-461 Waveguides (does not require coupling nut)	General Availability
2	WET-18-B	Waveguide extension tube, plastic (PVC), 18 in long, internal body thread size 1.625 in, 20 NEF, for extending WGF-12 Waveguide (does not require coupling nut)	General Availability

Item Number	Item Description	Price
SVC-SmartCare-BH (/support/support.asp)	Premium Support for Business Hours	Contact us (/howtobuy/) for availability and pricing.
SVC-SmartCare-24/7 (/support/support.asp)	Premium Support, 24 x 7 Coverage	Contact us (/howtobuy/) for availability and pricing.
SVC-SmartAssist-BH (/support/support-professional.asp)	Business Hour Support Services	Contact us (/howtobuy/) for availability and pricing.
SVC-SmartAssist-AH (/support/support-professional.asp)	After Hours Support Services	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR1 (/support/support-warranty.asp)	1 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR2 (/support/support-warranty.asp)	2 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR3 (/support/support-warranty.asp)	3 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR4 (/support/support-warranty.asp)	4 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR5 (/support/support-warranty.asp)	5 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-EXTWAR2 (/support/support-warranty.asp)	2 Year Extended Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-EXTWAR3 (/support/support-warranty.asp)	3 Year Extended Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-EXTWAR4 (/support/support-warranty.asp)	4 Year Extended Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-EXTWAR5 (/support/support-warranty.asp)	5 Year Extended Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-NETENG-HOUR (/support/support-professional.asp)	Network technician hour rate for pre-config services, after hours support, etc.	Contact us (/howtobuy/) for availability and pricing.

Backgrounders
FiberPlex Capabilities Guide (/backgrounders/FiberPlex_Capabilities_Statement.pdf)   October 6, 2017

Data Sheets
FiberPlex WGF Waveguides (/datasheet/Fiberplex_WGF_Waveguides.pdf)   July 21, 2015
Patton Product Life Cycle Color Codes (/datasheet/Life-Cycle-Availability-Codes.pdf)   April 24, 2015
FiberPlex WGN-12 (/datasheet/Fiberplex_WGN-12_120101.pdf)   January 1, 2012
FiberPlex WMA 2001/3002 (/datasheet/Fiberplex_WMA-2001-3002_120101.pdf)   January 1, 2012

Product & Solution Guides
FiberPlex Connectivity Product Guide (/guides/07FPC-OV_lo-res.pdf)   August 24, 2018
Enterprise Networking Products Guide (/guides/07MENTNET-PG-lo.pdf)   November 10, 2010

User Manuals & Configuration Guides
FiberPlex Waveguide WGF-4 User Manual (/manuals/WGF-4_User Manual_170824.pdf)   August 24, 2017
FiberPlex Waveguide Extension WEN-6 User Manual (/manuals/WEN-6_User_Manual_170103.pdf)   January 3, 2017
FiberPlex Waveguide WGF-461 User Manual (/manuals/WGF-461_User_Manual_161123.pdf)   November 28, 2016
FiberPlex Waveguide WGF-12 User Manual (/manuals/WGF-12_User_Manual_161123.pdf)   November 23, 2016
FiberPlex Waveguide WGF-6 User Manual (/manuals/WGF-6_User_Manual_161123.pdf)   November 23, 2016

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> Ethernet Over Fiber (/products/network-connectivity/#23)
> Multiplexers & Sharing Devices (/products/network-connectivity/#12)
> Fiber Telecom (T1/E1/PRI, Analog and ISDN) (/products/network-connectivity/#28)
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> SFP (Small Form Pluggable) Modules and Kits (/products/network-connectivity/#30)
> Fiber Alarming, Notification, Relay and Control (/products/network-connectivity/#24)
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> Defense/Security Fiber Communications (/products/network-connectivity/#22)
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