



FTTMax™ Multiport EDFAs for FTTx Networks 4, 16, 20 or 28 Ports

Specifications

Electrical Specifications

Number of Ports	4, 16, 20, or 28
Output Power per Port	CWDM models: 19.5 dB -0/+1.4 to 1.8 dB Non-CWDM models: 21.0 dB -0/+0.5 to 1.8 dB
Port-to-Port Variation	0.25 to 1.5 dB maximum
Monitor Port Output Power	0 to 3 dBm maximum
Operating Wavelength Range	1540 to 1560 nm standard
Composite Input Power Range	- 0 dBm minimum, 12 dBm maximum
Noise Figure (Pin = +6 dBm)	4.5 dB maximum
Carrier-to-Noise Degradation (CNR)	1 dB typical
Power Consumption	40 W typical, 80 W maximum
Port Residual Pump Power	-20 dBm maximum

Mechanical Specifications

Dimensions	1 RU: 19.01 x 12.24 x 1.73 in (483 x 311 x 44 mm) 2 RU: 19.01 x 12.24 x 3.46 in (483 x 311 x 88 mm)
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Environmental Specifications

Temperature, operating	0 to 122°F (0 to 50°C)
Temperature, storage	-40 to 185°F (-40 to 85°C)
Humidity, operating	10 to 85%
Humidity, storage	10 to 95%

Ordering Information

To configure a product that meets your specific needs, or for any questions, please contact your ARRIS Sales Professional. You may also use our Product Wizard, located at support.arrisi.com (User ID and password required). If you do not have a user ID and password or have forgotten your password, please use the Sign In Help section indicated.

Technical Specification

Specifications are subject to change without notice.

The capabilities, system requirements and/or compatibility with third-party products described herein are subject to change without notice. ARRIS, the ARRIS logo, Auspice®, C3™, C4®, C4c™, Cadant®, C-COR®, CHP Max5000®, ConvergeMedia™, Cornerstone®, CORWave™, CXM™, D5®, Digicon®, ENCORE®, Flex Max®, HEMI®, Keystone™, MONARCH®, MOXI®, n5®, nABLE®, nVision®, OpsLogic®, OpsLogic® Service Visibility Portal™, PLEXIS®, PowerSense™, QUARTET®, Regal®, ServAssure™, Service Visibility Portal™, TeleWire Supply®, TLX®, Touchstone®, VIPr™, VSM™, and WorkAssure™ are all trademarks of ARRIS Group, Inc. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and the names of their products. ARRIS disclaims proprietary interest in the marks and names of others. © Copyright 2011 ARRIS Group, Inc. All rights reserved. Reproduction in any manner whatsoever without the express written permission of ARRIS Group, Inc. is strictly forbidden. For more information, contact ARRIS.

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