

Prisma® Fiber Optic Service Cables

Description

Prisma® Fiber Optic Service Cables are designed to simplify the installation and maintenance of Prisma optical network products such as nodes and amplifiers. A furcation unit terminates one end of each jacketed service cable with 2 mm color-coded sub-units that are connectorized for the particular Prisma module. The opposite ends of the service cables are 900µm pigtails suitable for splicing in splice enclosures.

Features

- Four, six, and eight fiber options.
- Connectorized ends are staggered to simplify installation.
- Choice of 60 ft. and 100 ft. standard lengths.
- Color-coded fiber jackets throughout the cable for easy fiber identification.
- 2 mm subunits guarantee maximum clearance inside node and amplifier housings.
- The pigtail end has 6 feet of outer jacket removed to save installation time.
- A standard 5/8-24 aluminum entry fitting is sealed with epoxy to protect against water penetration and provides >100 lbs of cable pull-out retention.
- The cable is a breakout style, core-lock design with singlemode fiber (8.3/125µm), encased in an ASTM-2 oil-resistant, polyurethane outer jacket.
- All service cables are shipped with a protective sleeve over both the connectorized and pigtail ends to prevent handling damage and water/dust contamination.



Prisma Fiber Optic Service Cables

Specifications

Electrical / Mechanical	Units	
Fiber Type		8.3/125µm singlemode
Fiber Connector Options		Singlemode SC/APC Singlemode SC/UPC Singlemode FC/APC
Return Loss	dB	65 (APC end finish) 55 (UPC end finish)
Fanout Cable Type		2 mm color-coded jacketed sub-units
Pigtail Cable Type		900µm hard elastomeric secondary buffer with 250µm primary buffer
Entry Fitting Type		5/8-24 UNEF-2A
Cable Length Options	ft. ft.	60 100
Number of Fibers		4, 6 or 8 fiber options

Ordering Information

Model	Part Number
4-Channel Service Cable, 60-foot cable, SC/APC	739776
4-Channel Service Cable, 100-foot cable, SC/APC	739777
6-Channel Service Cable, 60-foot cable, SC/APC	739778
6-Channel Service Cable, 100-foot cable, SC/APC	739779
8-Channel Service Cable, 60-foot cable, SC/APC	739780
8-Channel Service Cable, 100-foot cable, SC/APC	739781
4-Channel Service Cable, 60-foot cable, SC/UPC	739782
4-Channel Service Cable, 100-foot cable, SC/UPC	739783
4-Channel Service Cable, 60-foot cable, FC/APC Narrow Key	739784
4-Channel Service Cable, 100-foot cable, FC/APC Narrow Key	739785



Scientific-Atlanta, the Scientific-Atlanta logo and Prisma are registered trademarks of Scientific-Atlanta, Inc. Specifications and product availability are subject to change without notice.
© 2001 Scientific-Atlanta, Inc. All rights reserved.

Scientific-Atlanta, Inc.
1-800-722-2009 or 770-903-6900
www.scientificatlanta.com

Part Number 739273 Rev B
June 2001