Optical Passives (ISP)

NP34B10
10-channel CWDM Filters for Cellular Backhaul

FEATURES

• Two different models to support single-fiber or dual-fiber network architectures
• Flat and wide operating passband on CWDM ITU grid (20 nm spacing)
• High channel isolation to minimize crosstalk
• Low polarization dependent loss (PDL)
• Duplex LC/UPC connectors
• Telcordia GR-1209 and GR-1221 qualified, providing excellent environmental and mechanical stability
• –20 dB line monitoring tap
• LGX chassis-compatible
• Replaces OP34B10x.

PRODUCT OVERVIEW

NP34B10 10-channel CWDM filters for cellular backhaul are part of ARRIS’s optimized passive solutions for cell tower backhaul applications.

The single-width, half-depth NP34B10500Z1S-OLA-UL transmits 5 multiplexed CWDM wavelengths (1430, 1450, ... and 1510 nm) to the cell tower and demultiplexes 5 different CWDM wavelengths (1530, 1550, ... and 1610 nm) received from the cell tower, all on a single network fiber.
The dual-width, half-depth NP34B10D00Z1S-0LA-UL transmits 10 multiplexed CWDM wavelengths (1430, 1450, ... and 1610 nm) to the cell tower on one network fiber and demultiplexes the same 10 wavelengths received from the cell tower on a second fiber.

Duplex LC/UPC connector ports are keyed to ensure correct orientation for Tx/Rx connectors when using fiber jumpers to connect to SFP (or other) modules in Headend/Hub equipment (e.g., media converters).
ORDERING INFORMATION

NP34B10 *00Z1S-0LA-UL

* S (Filter for single fiber network design);
D (Filter for dual fiber network design)

RELATED PRODUCTS

<table>
<thead>
<tr>
<th>CH3000 Chassis</th>
<th>Optical Patch Cords</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFP modules</td>
<td>Optical Passives</td>
</tr>
<tr>
<td>PF3000</td>
<td></td>
</tr>
</tbody>
</table>

Customer Care

Contact Customer Care for product information and sales:
- United States: 866-36-ARRIS
- International: +1-678-473-5656

Note: Specifications are subject to change without notice.

Copyright Statement: ©ARRIS Enterprises, LLC, 2017. All rights reserved. No part of this publication may be reproduced in any form or by any means or used to make any derivative work (such as translation, transformation, or adaptation) without written permission from ARRIS Enterprises, LLC ("ARRIS"). ARRIS reserves the right to revise this publication and to make changes in content from time to time without obligation on the part of ARRIS to provide notification of such revision or change. ARRIS and the ARRIS logo are registered trademarks of ARRIS Enterprises, LLC. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks or the names of their products. ARRIS disclaims proprietary interest in the marks and names of others. The capabilities, system requirements and/or compatibility with third-party products described herein are subject to change without notice.