



DFB Return Path Transmitter Replacements

Legacy ISX 3030/3040 Nodes



- 1310 nm return path transmitter module with optical output power at 2 mW
- 1550 nm return path transmitter module with optical output power at 2.5 mW
- CWDM return path transmitter module, ITU channel width spacing

The ARRIS 1310, 1550 and CWDM DFB single return path transmitter modules are designed for the ARRIS legacy ISX 3030 and ISX 3040 nodes. The plug and play modules upgrade the node from an FP to a DFB laser, providing greater reliability and greater return path capability without service interruption.

DFB return path transmitter replacement modules are a cost-effective upgrade to DOCSIS® 3.0, have low power consumption and good heat dissipation that increases service life and reliability. They provide a simple way to field-upgrade networks with an installed base of ISX 3030/3040 nodes.

A convenient DC test point provides an indicator for optical output power (1V/mW).

In addition to standard 1310 and 1550 nm DFB options, ARRIS also provides a CWDM option for customers who are interested in multi-wavelength planning over a single fiber. CWDM transmitters provide the ability to migrate other wavelengths into the usable spectrum for current and future applications such as additional node segmentation and/or business services.

ARRIS solutions for 1 GHz upgrades include the Opti Max3100 2 x 2 segmentable node and the Opti Max 4100 fully segmentable (4 x 4) node. Please contact your ARRIS sales professional for more information on these products.

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