CHP-TRANSMITTERS | CHP Optical Transmitters

Forward and Return Path Optical Transmitters

The ARRIS CHP family of forward and return path Optical Transmitters for the ARRIS CHP Headend Optics Platform offer a wide range of cost-effective options for network extensions, upgrades, and new builds. ARRIS's CHP transmitters provide solutions for all your architectural needs.

CHP CORWave® 4 Quad Density 1.2 GHz C-Band DWDM Modular Forward Transmitters:

- Quad Density modular transmitter design
- 40 transmitters per CHP chassis for 20TX/RU density
- 1.2 GHz full spectrum supporting DOCSIS® 3.1 upgrades
- Optimize headend and hub efficiencies with industry leading density and low power consumption
- Support multiple optical architectures including full spectrum and RFoG
- Internal Electronic Slope Adjustment to compensate for headend combining and cable loss at high frequencies
- Configure, monitor, and manage with CORView™ Element Management System

CHP CORWave® 3 Dual Density 1.2 GHz C-Band DWDM Forward Transmitters:

- 1.2 GHz, Full Spectrum, to support DOCSIS 3.1
- Advanced Technology–Noise and OMI optimization for superior performance
- Maximize fiber assets with up to 44 ITU DWDM wavelengths
- Optimize headend and hub efficiencies with industry leading density and low power consumption
- Simplify sparing and inventory with tunable wavelengths, 100G ITU
- Support multiple optical architectures including Full Spectrum, BC/NC, and RFoG
- Configure, monitor, and manage with CORView Element Management System

CHP CORWave® D1-Dual Density/S1-Single Density 1.2 GHz O-Band Multiwavelength Forward Path Transmitters:

- 1.2 GHz O-Band transmitter to support DOCSIS 3.1
- Maximize fiber assets with up to 4 O-Band wavelengths (starting at 1291 nm) and 30 km reach, designed for both analog and digital channel loading
- Optimize headend and hub efficiencies with industry leading density and low power consumption
- Fixed or variable output powers and extended linearization, supporting multiple optical architecture needs
- Front or rear fiber connections enable flexible installations
- Internal Electronic Slope Adjustment to compensate for headend combining and cable loss at high frequencies
- Configure, monitor, and manage with CORView Element Management System

CHP-RDF0 Dual Density Analog Return Path Transmitters:

- Dual Density 1550 nm ITU DWDM analog return path transmitters
- High density allows 20 modules per chassis and 400 per 40RU rack
- Configure, monitor, and manage with CORView Element Management System

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Product Classification

Regional Availability	Asia | Australia/New Zealand | EMEA | Latin America | North America
Product Type	Optical transmitter