



CHP Max5000®

CHP CORWave™ 1GHz Multi Wavelength Forward Path Transmitters

CHP Form Factor

- Cost effective alternative to adding new fiber infrastructure for new services/new subscribers
- Rapidly deployable, robust, and scalable
- 4 analog forward, 4 reverse, and 4 GbE based data services wavelengths can be multiplexed over as few as one fiber for distances up to 30 km
- Supports forward and return node segmentation and dedicated business service links in existing HFC plant
- Supports RFoG and EPON wavelengths for Fiber to the Premises applications
- 1 GHz technology
- Options include fixed output power and rear fiber connections or variable output powers in five 2 dB-wide ranges with either front or rear fiber connections
- Dedicated optical passives for ease of optical multiplexing
- High isolation dual input transmitters help minimize complex combining networks and save footprint in the headend
- Can be monitored with the CORView Element Management System



Network environments, where service and capacity strongly influence success, benefit from the ability to add new capacity quickly and with minimal disruption, providing operators with a significant competitive advantage.

Increase Revenue Faster and Reduce CAPEX

The CHP CORWave 1 GHz Multi Wavelength Forward Transmitters allow services to be consolidated on existing fibers in order to repurpose fiber for new services and/or new customers, saving cable operators capital that would otherwise be spent on new fiber runs. By utilizing the CORWave multi wavelength plan in the 1291nm region, 4 analog forward, 4 reverse, and 4 GbE based data services wavelengths can be multiplexed over as few as one fiber for distances up to 30 km, supporting forward and return node segmentation and dedicated business service links in existing HFC plant. The CORWave wavelength plan supports RFoG and EPON wavelengths for Fiber to the Premises applications and is also compatible with CWDM forward transmitter wavelengths.

Reduce Complexity

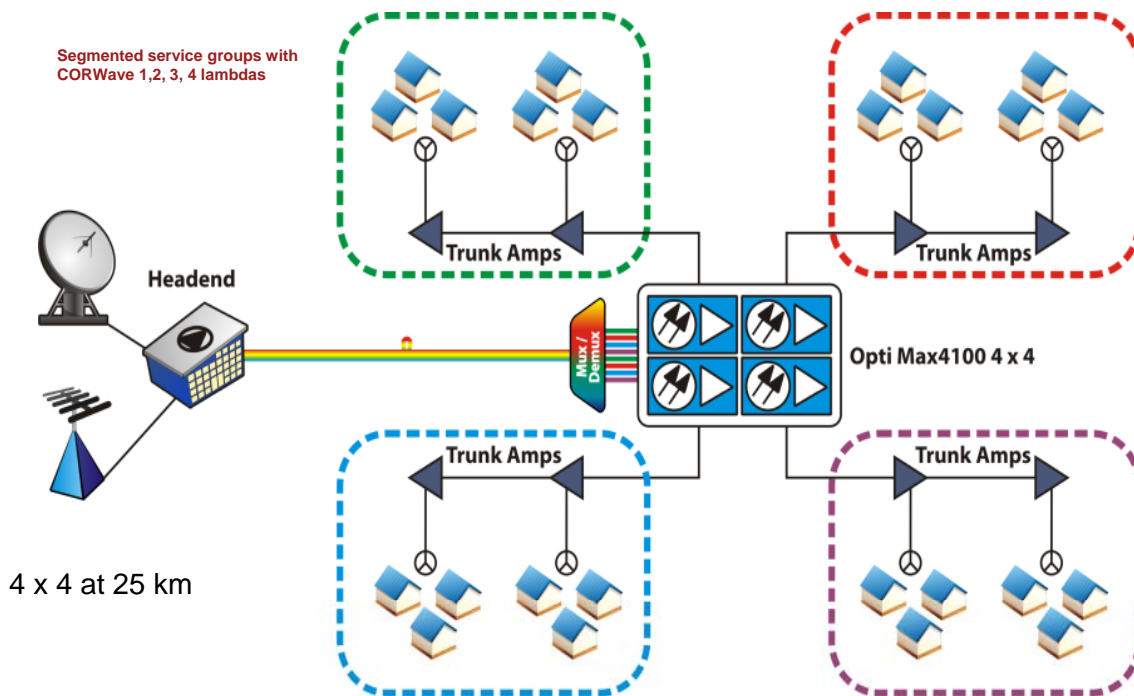
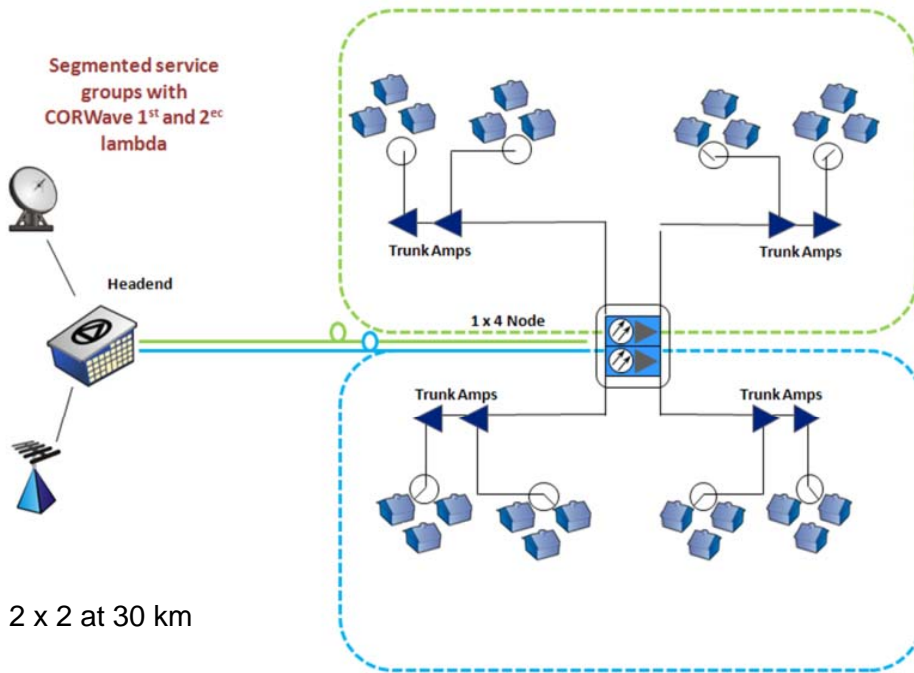
CHP CORWave forward transmitters come with fixed outputs and rear fiber connections or with variable outputs in five 2 dB-wide ranges, and either front or rear fiber connections. High isolation and dual inputs help minimize complex combining networks and save footprint in the headend. Optical passives with CORWave wavelengths simplify optical multiplexing and reduce deployment time for faster revenue generation.

Add Value to Existing Assets

CHP CORWave forward transmitters are rapidly deployable, robust and scalable, complementing all CHP Max5000 application modules and components and adding capacity at a cost effective price point. They can be monitored by the CORView element management system, which provides an intuitive and user-friendly interface for security, discovery, configuration, and inventory functions.

Applications

The following diagrams depict typical applications for combining two or four CORWave wavelengths in the forward path:



CORWave™ 1GHz Multi Wavelength Forward Path Transmitters

www.arrisi.com

Find more information about the CHP CORWave™ 1GHz Forward Path Transmitter;

■ **Product Specifications:**

- CHP CORWave™ 1GHz Forward Path Transmitter Technical Specifications
- Optical Passive, Splitter and Switch Product Flyer and Technical Specifications

■ **Customer Care**

Contact Customer Care for product information and sales

- **United States:** 866-36-ARRIS
- **International:** +1-678-473-5656

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™, DS®, 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 2010 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.



www.arrisi.com