

# CHP-RECEIVERS | CHP Optical Receivers

## Base Product



## Forward and Return Path Optical Receivers

ARRIS CHP forward and return path Optical Receivers are an integral part of the ARRIS CHP Max5000® Headend Optics Platform.

CHP-DFRX\* and CHP-SFRX\* 1.2 GHz Redundant Analog Forward Path Receivers:

- 1.2 GHz bandwidth to support DOCSIS® 3.1
- Optimize headend and hub efficiencies with industry leading density and low power consumption of 20 receivers per 2RU chassis
- Optional optical path resiliency and hardware redundancy for increased network availability
- Hot-swappable capability reduces system downtime
- Front or rear fiber connector options simplify installation and cable management
- Dual or Single Density options available
- Configure, monitor, and manage with CORView™ Element Management System

CHP-D2RRX-85-AA-S Digital Return Receiver Compatible with DT4 and DT7 85 MHz Digital Return Transmitters:

- Enables NC2000, NC4000®, and VHubs to connect to the CHP Platform
- Digital Return technology for ease of set-up and simplified “plug and play” operation
- 2:1 Time Division Multiplexing solution supports 1x85 and 2x85 MHz bandwidth digital return performance
- Dual Density receiver optimizes valuable headend/hub real estate
- Remote node monitoring with Digital Element Management System (DEMS) eliminates the need for a transponder
- Full CORView Lite and Element Management Software Compatibility

CHP-4RRP-\* Quad Analog Return Path Receivers with integrated internal optical passive modules:

- Internal Optical Passive Module for increased headend optical shelf density
- Quad Density: supports up to 40 receivers in a single 2RU CHP chassis
- 300 MHz return path bandwidth to support DOCSIS 3.1
- Expand subscriber upstream capacity without sacrificing additional headend footprint for multiwavelength
- Leverage headend and hub efficiencies with industry leading density and low power consumption high density quad receiver
- 300 MHz bandwidth, exceeding DOCSIS 3.1 requirements
- Configure, monitor, and manage with CORView Element Management System

CHP-R4RRXF-30-L CHP-4RRXF-30-L Redundant/Non-Redundant Quad Analog Return Path Receivers:

- 300 MHz return path bandwidth to support DOCSIS 3.1
- Quad Density: Supports up to 40 receivers in a single 2RU CHP chassis
- Expand subscriber upstream capacity without increasing headend footprint
- Optimize headend and hub efficiencies with industry leading density and low power consumption
- 300 MHz bandwidth meeting DOCSIS 3.1 requirements
- Improve system uptime with automatic failover option
- Configure, monitor, and manage with CORView Element Management System

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CHP-R2RRX\*-30-S CHP-2RRX\*-30-S Redundant/Non-Redundant Dual Analog Return Path Receivers:

- 300 MHz return path bandwidth to support DOCSIS 3.1
- Dual Density: Supports up to 20 receivers in a single 2RU CHP chassis
- Optimize headend and hub efficiencies with industry leading density and low power consumption
- Front or Rear Fiber options maximize cabling efficiency
- Improve system uptime with automatic failover option
- Configure, monitor, and manage with CORView Element Management System

## Product Classification

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