

ARRIS CHP-SMM-2

CONTROL MODULE FOR CHP-MAX5000 PLATFORM



ARRIS products and solutions can help cable operators attain new subscriber revenue and higher average revenue per subscriber without major CAPEX. Cable operators can seamlessly and easily stay in line with future goals, add new services, and strongly position against the competition. As part of the CHP Max Headend Optics Platform, CHP Max5000 headend chassis applications unite HFC and digital transport onto a single scalable system, allowing service providers to accelerate deployment of VOD, high speed data, telephony, and other advanced services in a space-saving footprint.

- Optimize headend and hub efficiencies with industry leading density and low power consumption up to 20 transmitters or 40 receivers per 2RU chassis
- Up to 44 full spectrum wavelengths for harvesting new bandwidth through node segmentation
- Support multiple optical architectures including full spectrum, overlay, and RFoG
- DOCSIS® 3.1 support for future capacity expansion to 1.2 GHz downstream, 300 MHz upstream
- Transmitters with variable output reduce need for troublesome optical attenuators and front or rear fiber connection simplify installation and cable management
- Configure, monitor, and manage with CORView™ Element Management System

SPECIFICATIONS

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RS-232	38.4 kbps
RS-485 (Shelf Interconnect, RJ-14 connectors on chassis)	38.4 kbps
Craft Interface Port (DB-9 female)	RS-232
RS-232 Debugging Port (SMM only)	19.2 kbps
RJ-45 (Ethernet)	10 Mbps
Serial Peripheral Interface Bus	480 kbps
Operational Temperature	0 to 50° C (32 to 122° F)

ORDERING INFORMATION

COMPONENT	PART NUMBER	DESCRIPTION
System Mgmt. Module	CHP-SMM-2	Provides all CMM functionality and SNMP port for remote management. Also provides remote access to the CMM interface using an IP connection through the Ethernet interface on the back of the shelf from the remote GUI software.
Craft Mgmt. Software	CHP-CMS-1	Software that provides graphical user interface (GUI) and enables local communication for module setup and monitoring of a CHP Max5000 shelf from a portable computer.