



ARRIS SB8200RB

DOCSIS 3.1 CABLE MODEM

FEATURES

- Supports Docsis 3.1 and Docsis 3.0
- 2x2 OFDM/OFDMA DOCSIS® 3.1 channels and/or 32x8 SCQAM DOCSIS® 3.0
- 1.2 GHz Full Capture Bandwidth Tuner
- Multi Processor Technology with ARM based Application Processor
- Dual Gigabit Ethernet Ports with Auto Negotiate and Auto MDIX
- Support for Link Aggregation to combine the dual Ethernet ports into a 2 GB input to connected clients that support the technology
- Switchable upstream filters for 42 MHz or 85 MHz operation
- US and DS spectrum analyzer
- LEDs indicate DOCSIS 3.0 or DOCSIS 3.1 operation
- Color coded Rear Panel for ease of installation



PRODUCT SPECIFICATIONS

PHYSICAL

Operating Temperature °C	0 to 50
Operating Relative Humidity	5-85% (Non-condensing)
Storage Temperature °C	-40 to 70
Dimensions (H x W x D) in.	5.24 x 5.24 x 1.65
Weight (lbs.)	2.1
Diagnostic LED's (Front)	Power, US/DS, Online
Diagnostic LED's (Rear)	Ethernet Link/Speed



ARRIS SB8200RB

DOCSIS 3.1 CABLE MODEM

PRODUCT SPECIFICATIONS

INTERFACES

RF Interface	1 External 'F' connector
Data Interfaces (bridged)	2x10/100/1000 Base-T Ethernet (RJ-45 connector)
Link Aggregation	2x Ethernet ports combined output for 2GB input
Input Voltage	115VAC, 60Hz

RF DOWNSTREAM

Bonded Channels	Up to 32 SCQAM and/or 2 OFDM
Tuner Configuration	Full capture tuning range
Frequency Range (MHz)	108MHz-1002MHz DOCSIS
Data Rate (Mbps Max.)	Up to 10 Gbps
RF Input Sensitivity Level (dBmV)	-15 to +15 (DOCSIS)

RF UPSTREAM

Bonded Channels	Up to 8 SCQAM & OFDMA
Frequency Range (MHz)	5MHz to 85MHz
Configurable Diplex Filter	42MHz-85MHz
Data Rate (Mbps Max.)	Over 2 Gbps
RF Output Level (dBmV)	+65 dBmv (64 QAM, single upstream) +57 dBmv (64 QAM, 4-8 upstreams) +65 dBmv (16 QAM, single upstream)

COMPLIANCE

Certification	Compliant Class B Digital Device – Part 15 of the Federal Communications Commission (FCC), DOCSIS 3.1
Environmental	ROHS, Energy Efficient Ethernet, CeC, Pb-Free, Compliant with SNE Voluntary Environmental Agreement