

ARRIS SB6190RB

DOCSIS 3.0 CABLE MODEM

FEATURES

- Advanced Services Ready
- 1 GHz-capable tuner
- Flexible DOCSIS 3.0 Channel Bonding
- RF Immunity
- Gigabit Ethernet port with 802.3az Energy Efficient Ethernet
- External AC/DC Adapter for more compact product size
- MoCA reject filter ensures carefree interoperability of MoCA and DOCSIS®
- Includes downstream speed test for verification of service level speeds
- Front panel LEDs for easy troubleshooting

PRODUCT SPECIFICATIONS

PHYSICAL

Operating Temperature °F (°C)	32 to 104 (0 to 40)
Operating Relative Humidity	5-95% (Non-condensing)
Storage Temperature °F (°C)	-40 to 158 (-40 to 70)
Dimensions (H x W x D) in.	5 x 2.1 x 5
Weight (lbs.)	1.13
Diagnostic LEDs	Power, US/DS, Online, LAN

INTERFACES

RF Interface	External 75Ω 'F' type connector
Data Interfaces (bridged)	10/100/1000 Base-T Ethernet (RJ-45 connector)
Power Interface (nominal)	Power Adapter input = 115-240 VAC, 50/60 Hz Power Adapter output (to SB6190) = 12V/2A





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RF DOWNSTREAM

Frequency Range (MHz)	88-1002 (edge to edge)
Bonded Channels	Up to 32
Tuner Configuration	Full capture tuning range
Modulation	64 or 256
Data Rate (Mbps Max.)	Up to 1000 (limited by GigE interface)
RF Input Sensitivity Level (dBmV)	-15 to +15
Carrier Bandwidth	6
MoCA® Immunity Filter	Embedded

RF UPSTREAM

Frequency Range (MHz)	5-42
Bonded Channels	Up to 8
Modulation	QPSK, 8 QAM, 16 QAM, 32 QAM, 64 QAM, 128 QAM, (S-CDMA only)
Modulation Bandwidth	TDMA: 200, 400, 800, 1600, 3200, 6400 S-CDMA: 1600, 3200, 6400
Data Rate (Mbps Max.)	Up to 240
RF Output Level (dBmV)	TDMA: +17-61 (QPSK); +17-58 (8 QAM, 16 QAM) +17-57 (32 QAM, 64 QAM) S-CDMA: +17-56 (all modulations)
Automatic Level Adjust	Yes
Frequency Stability (kHz)	±5
Output Impedance (Ω)	75