ARRIS

Touchstone®
DOCSIS® 3.0 8x4
Ultra-High Speed
Cable Modem

CM820

Configuration

- CM820A DOCSIS 3.0 compliant
- CM820B and CM820S dual-mode EuroDOCSIS™ 3.0 / DOCSIS® 3.0 compliant
- CM820C Japanese DOCSIS 3.0 compliant
- 8x4 downstream/upstream channel-bonding with superior throughput
- Dual 96MHz wide downstream tuners
- Backwards compatible with DOCSIS 1.0, 1.1, and 2.0
- IPv4 or IPv6 addressing modes for DOCSIS CM layer
- 10/100/1000 Base-T Ethernet interface
- Low power consumption
- Simplified interoperability through PacketACE™ configuration file editor

Applications

The Touchstone DOCSIS 3.0 8x4 Cable Modem CM820 delivers ultra-high speed data access to cable service subscribers homes and businesses. Designed to support the services desired most by advanced users, the CM820 enables the home or small business user to address productivity needs with the speed and performance found only in the 8x4 bonded channel cable environment along with industry-leading ARRIS reliability. With the CM820, cable operators can offer data services at speeds greater than 300Mbps to their subscribers to compete against VDSL and fiber to the home threats, as well as provide a platform to deliver competitive high capacity commercial services to businesses.

Performance and Features

- Flexible NxM downstream/upstream channel bonding for superior throughput
- Two independent 96MHz wide RF tuners to receive downstream channels up to 1GHz
- Built in MoCA® immunity filter
- Downstream scanning override via web GUI for rapid installation
- Meet or exceed industry radiated immunity and surge requirements
- Multi-colored LEDs for rapid troubleshooting during installation or with customer service

Product Flyer

CM820A, B, C Back View

CM820S Back View

www.arrisi.com

Find more information about the Touchstone CM820 DOCSIS 3.0 Cable Modem.

- Product Specifications—
  - Technical Specifications Touchstone DOCSIS 3.0 Cable Modem CM820 (Publication Code: CM820_TS.pdf)

Customer Care

Contact Customer Care for product information and sales

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