

TM3202 | Touchstone® TM3202 E-MTA

Base Product



32x8 DOCSIS® 3.0 Modem (E-MTA) with 2 voice ports

The Touchstone® TM3202 DOCSIS® 3.0 32x8 Embedded Multimedia Terminal Adaptor (E-MTA) delivers two lines of primary line Voice over IP (VoIP), up to 1.2 Gigabit per second high speed data access, and multiple battery pack options to support telephony service during power outages.

Designed as a customizable solution for advanced users, the TM3202 enables both home and small businesses the speed and performance achievable with 16x4, 24x8, or 32x8 bonded channels, along with industry-leading ARRIS voice and battery back-up features. With the TM3202, cable operators can maintain competitive position against VDSL and fiber to the home services by offering subscriber data services as high as 1.2 Gbps.

Product Classification

Regional Availability	North America
Product Type	E-MTA

General Specifications

Access Technology	DOCSIS 3.0
Channel Bonding	Up to 32x8 SC-QAM
Diagnostic LEDs	Battery Link/Activity Online Power Tel 1 Tel 2 US/DS
Ethernet Ports	1 x GigE
Interfaces	1x RJ45 (10/100/1000 Base-T) 2 mm Battery Connector (3202G only) 2x RJ11 'F' type connector
RF Downstream Frequency Range	108-1002 MHz
RF Downstream Bonded Channels, quantity	Up to 32
RF Downstream Input Sensitivity Level	-15 dBmV to 15 dBmV
RF Downstream Data Rate	Up to 1000 Mb/s
RF Upstream Frequency Range	5-42 MHz 5-85 MHz (3202A only)
RF Upstream Bonded Channels, quantity	Up to 8
RF Upstream Data Rate	Up to 240 Mb/s
Voice	Yes
Voice Ports, quantity	2

Dimensions

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Height	180.34 mm 7.1 in
Width	45.72 mm 1.8 in
Length	180.34 mm 7.1 in

Electrical Specifications

Input Voltage	115 Vac
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Environmental Specifications

Standards Compliance	DOCSIS 3.0 Certified Enhanced codecs: G.722, G.726, G.728, G.729E FCC Part 15 Class B / ICES-003 G.711, 64 kb/s, μ -law and A-law encoded speech IEEE 802.3, 802.3ab ITU-T K.21 PacketCable 1.0, 1.5 and 2.0 Compliant RFC3261 Legacy SIP RoHS, WEEE T.38 Fax Relay Telcordia™ GR-1089 Lightning/Surge Telcordia™ GR-63 NEBS UL® 60950 / CB
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Packaging and Weights

Weight, net	0.503 kg 1.11 lb
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