

CASA DQM16

4X4 DOCSIS QAM MODULE FOR C3200 CMTS

The Casa Systems C3200 CMTS is a cable edge device that combines a third generation DOCSIS CMTS and an MPEG video Edge-QAM in a very high density, and high availability 3RU platform.



SPECIFICATIONS	
Channels	16 channels, 4 channels/port
QAM modulation	Annex A, B or C
QAM constellations	64, 128, & 256 QAM
Data rates (DOCSIS)	27 Mbps @ 64 QAM 38 Mbps @ 256 QAM
Data rates (EuroDOCSIS)	36 Mbps @ 64 QAM 51 Mbps @ 256 QAM
Connector	F-type, 75 Ω
Frequency range (center)	91 to 867 MHz (standard) 48 to 999 MHz (optional)
Frequency accuracy	+/- 5 ppm
Frequency step size	5 kHz
Channel width	6 to 8 MHz (tunable)
Maximum output power per channel	61 dBmV @ 1-ch/port 57 dBmV @ 2-ch/port 53 dBmV @ 4-ch/port
Output step size	0.1 dB
Return loss	50 ~ 870 MHz, 14 dB 870 ~ 1002 MHz 10 dB
Modulation error rate	43 dB (equalized)
Wideband noise	-73 dBc