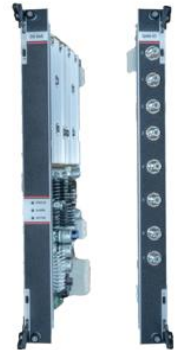


CASA DQM64

8X8 DOCSIS QAM MODULE FOR C10G CMTS

The Casa Systems C10G Cable Modem Termination System (C10G CMTS) is a DOCSIS 3.0 cable edge device that delivers unprecedented performance and scalability in a 12RU platform.



SPECIFICATIONS	
Channels	64 channels, 8 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
Frequency range (center)	48 to 1000 MHz
Frequency step size	5 kHz
Channel width	6 to 8 MHz (tunable)
Maximum output power per channel	60 dBmV @ 1----ch/port 56 dBmV @ 2----ch/port 52 dBmV @ 4----ch/port 49 dBmV @ 8----ch/port
Output step size	0.1 dB
Output accuracy	± 5ppm
Return loss	50 ~ 870 MHz, 14 dB 870 ~ 1002 MHz 10 dB
Modulation error rate	43 dB (equalized)
Wideband noise	-73 dBc
RF I/O DOWNSTREAM MODULE (RFD)	
Number of ports	8 ports per module
Connector	F-type, 75 Ω