



ARRIS TM822A

DOCSIS 3.0 CABLE MODEM

PRODUCT SPECIFICATIONS

RF UPSTREAM

Frequency Range (MHz)	5-42 (DOCSIS mode) or 5-65 (EuroDOCSIS mode)
Bonded Channels	Up to 4
Modulation	QPSK, 8 QAM, 16 QAM, 32 QAM, 64 QAM, 128 QAM (S-CDMA)
Modulation Bandwidth (kHz)	200, 400, 800, 1600, 3200, 6400 (TDMA) 1600, 3200, 6400 (S-CDMA)
Data Rate (Mbps, Theoretical)	Up to 122
RF Output Level (dBmV - one channel)	TDMA: +17 to 61 (QPSK) +17 to 58 (8 QAM, 16 QAM) +17 to 57 (32 QAM, 64 QAM) S-CDMA: +17 to 56 (all modulations)
Automatic Level Adjust	Yes
Frequency Stability (kHz)	±5
Output Impedance (Ohms) 48V DC nominal	75
RF UPSTREAM	
DOCSIS 3.0 / EuroDOCSIS 3.0	RoHS, WEEE
PacketCable 1.0 and 1.5	IEEE 802.3, IEEE 802.3ab
UL® 60950	RFC3261 SIP: Session Initiation Protocol
FCC Part 15 Class B	Codec: G.711, 64 kbps, μ-law and A-law encoded speech
CE	Enhanced codec support (G.726, G.728, G.729E)
CB	T.38 Fax Relay