

MODULE	SPECIFICATIONS
A1 SPARE	
A2 MODULATOR (NOT USED IN DIGITAL SYSTEMS)	VIDEO I/P: .5 – 1V PK-PK IF OUTPUT: –2 TO +2 dBm PK SYNC. COMPOSITE AUDIO: .5 – 1V PK-PK 44 MHz (6 MHz BW) SAP/PRO: .5 – 1V PK-PK POWER REQUIREMENT: +12V @ 1.6–1.1A BASEBAND AUDIO: 0 – +10dBm –12V @ 360mA 10MHz I/P: 0 – +6dBm
A3 IF PROCESSING	IF INPUT: 44MHz, (6MHz BW) INPUT LEVEL: –2 TO +2 dBm PK SYNC. MODULATOR & RECEIVER INPUT RETURN LOSS: > 15dB IF OUTPUT LEVEL: –10dBm TO –0dBm PEP IF SAMPLE LEVEL: –21dB POWER REQUIREMENTS: +12V @ 800mA –12V @ 100mA
A4 CONTROL/ MONITORING	POWER REQUIREMENTS: +12V @ 250mA –12V @ 50mA
A4–A1 POWER SUPPLY	AC INPUT LEVEL: 100–240VAC @ 10A 50/60/400Hz DC OUTPUT LEVEL: +32V @ 15A +12V @ 4A –12V @ 4A
A5 LO/UPCONVERTER	IF INPUT: 41–47 MHz INPUT RETURN LOSS: 18dB MIN @ 41–47 MHz INPUT LEVEL: –8dBm TO 0dBm PK SYNC. CONVERSION GAIN: 0 ±1.5dB RF OUTPUT: 470–860 MHz, 0 TO +10dBm 10MHz INPUT LEVEL: 0 TO +6dBm LO SAMPLE LEVEL: –7dBm LO TUNING STEP SIZE: 5kHz POWER REQUIREMENTS: +12V @ 1.2–1.1A –12V @ 10mA
A6 POWER AMPLIFIER	RF INPUT/OUTPUT: 470 – 860 MHz INPUT LEVEL: +10dBm ±2dB PK SYNC. INPUT RETURN LOSS: –10dB OUTPUT LEVEL: +51dBm (120W PK SYNC) POWER REQUIREMENTS: +32V @ 12A –12V @ 0.5A



