

PRELIMINARY SPECIFICATION FOR ANDREW TRASAR® HORIZONTALLY POLARIZED COAXIAL SLOTTED ARRAY ANTENNA

ELECTRICAL CHARACTERISTICS:

CHANNEL:	16
FREQUENCY RANGE:	482 to 488 MHz
AZIMUTH PATTERN NUMBER:	CH16AZ-H-BID-TX
ELEVATION PATTERN NUMBER:	ATW26H3H
AZIMUTH DIRECTIVITY:	1.40 (1.46 dB)
ELEVATION DIRECTIVITY:	26.00 (14.15 dBd)
PEAK POWER GAIN:	36.40 (15.61 dBd)
GAIN AT HORIZONTAL:	23.93 (13.79 dBd)
ELECTRICAL BEAM TILT:	0.75 Degrees
INPUT POWER REQUIRED:	13.63 Average Power, Digital
INPUT TYPE:	6-1/8 inch 50 Ohm, EIA
VSWR (MAXIMUM):	1.10 Over 6 MHz of Channel



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