

Wireless LAN

X Band Coupler 800-2000 & 2400-2700 MHz

FEATURES

- High Isolation, Low Loss Crossband Coupler/Diplexer/Combiner
- Ideal for Cellular & WLAN Applications

The New AMA-4420-50-N compact, stripline, Crossband Coupler typically used to diplex 800-2200 MHz AMPS / USDC, GSM, PCS / DCS 1800, PCS & 3G with Wireless LAN Applications, providing an effective solution to coupling the above bands to one feedline.

PART NUMBER	AMA-4420-50N
FREQUENCY RANGE	INPUT A - 800-2200 MHZ INPUT B - 2400-2700 MHZ
INPUT VSWR	< 1.2 :1
ISOLATION	60-90dB BETWEEN PORTS
INSERTION LOSS	< 1.5dB @ 2400-2700 MHZ < 0.5Db @ 800-2200 MHZ
INPUT RF POWER	50 WATTS PER PORT
OUTPUT PORTS	2
THRU LOSS	4.5dB Max From IP B to OP 1 & IP B to OP 2 3.5dB Max From IP A to OP 1 & IP A to OP 2
IMPEDANCE	50 OHMS
CONNECTOR TYPE	N FEMALE LOW IM
TEMP RANGE	-30 TO + 60 DEG C
PACKAGE SIZE	150x120x19mm + Connectors

