

Wireless LAN

X Band Coupler 800-2200 & 2400-2500 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.

Port A Frequency:	800-960MHz; 1.7-2.2GHz
Isolation to port B:	50-70dB
Power:	100W Max.
Return loss:	<-14dB
Thru loss:	<0.5dB (0.3dB Typ @800-960MHz <1dB (0.5dB Typ) @1.7-2.2GHz
Port B Frequency:	2.4-2.5GHz
Isolation to port A:	50-90dB
Power:	50W Max.
Return loss:	<-14dB
Thru loss:	<2.2dB (1.7dB Typ)
Port A+B	
Return loss:	<-14dB
Vibration Test Method:	MIL-STD-810E
Operating Temp:	-40 to +85°C
Storage Temp:	-40 to +100°C
Humidity:	100%
	(Connectors must be sealed after installation)
Size:	151x86x19mm
RF Connectors:	N-F 50 Ohm

Note: Environmental version is available.

P/N: AMA-4420-50N-EN

