

New

800-2200 MHz & 2400-2700 MHz Xband Coupler/Diplexer

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.

Specifications

Last Updated 07/03

Part Number: AMA-4420-50-N
Description: Xband Coupler / Diplexer

PORT A

Frequency: 800-1000 /1700-2200 MHz
Isolation to port B: 50-70dB
Power: 100W Max
Return loss: <-15dB
Thru loss: <0.3dB for 800-1000MHz
< 1.5dB for 1700 – 2200MHz

PORT B

Frequency: 2400-2500 MHz
Isolation to port A: 50-90dB
Power: 50W Max
Return loss: <-15dB
Thru loss: <1.7dB

Port A + B Rtn Loss: <-15dB
Operation Temp: -40 to +65°C
Size: 151 x 86 x 19mm
RF Connectors: N-F 50 Ohm
Weight: 800g Max

