

# Super Broadband 380-2200 MHz 10dB Coupler



## FEATURES

- Coupler operates over the full 80 - 200 MHz Bandwidth
- High Power 200 Watts Average

The AMA-1118 is a unique broadband 10dB coupler specifically designed to cover combined Radio modems, paging, Cellular & GPS applications.

## **Specifications**

Part Number AMA-1118-10-1W

AMA-1118-10-1WE - Enviro Outdoor Version

Coupling Value	10dB +/-0.5dB (500 – 2000MHz) 11dB +/- 0.9dB (380 – 500 & 2000 - 2200 MHz)
Frequency Range	380 to 2200 MHz
Directivity	≥ 20dB
Insertion Loss	0.25dB Max + 10dB Coupling Loss
Dissipative Loss	0.25dB Max
Return Loss	<-20dB (0 – 2200MHz)
VSWR	< 1.2 (0 – 2200MHz)
Isolation	≥ 20dB
Input RF Power	200w (max) CW
Impedance	50 Ohms
Op. Temp. Range	-40 to + 85°C
Humidity	< 95%
RF Connectors	N-F 50 Ohm
IM	< - 130dBc @ 43dBm x 2
Package Size	159 x 50 x 19 mm
Weight	400g Max

