

Directional Coupler, 12A7NA-40S



12A7NA-40S

To support development of C-band radar sub-systems, REC has developed a 5-6 GHz 40 dB coupler with very low insertion loss and high directivity. Other coupling values are also available in the same package size.

PRODUCT FEATURES

- Low insertion loss
- High peak & average power
- Compact size

BENEFITS

- Improves systems performance
- Can accurately determine signal to noise and transmit power when used in a radar
- Reduces sub-assembly size and weight

SPECIFICATIONS

Frequency	5 – 6 GHz
Coupling (Normal)	40 dB
Frequency Variation	+/-0.75 dB
Insertion loss	0.25 dB
VSWR	1.25 : 1
Directivity	25 dB
Power Peak (CW)	1500 W
Power Average (CW)	225 W
Size	1.90" x .89" x .50"