



### 9.2 – 9.8 GHz Coaxial Circulators, X-band 3A8NBP and 3A8NBQ

Ideal for radiolocation with land, airborne and naval radars, Renaissance introduces these 9.2 – 9.8 GHz X-band coaxial circulators. Each offer very low insertion loss and VSWR and can handle peak power of 250 W and 800 W, respectively.

Specifications		
	3A8NBP	3A8NBQ
Frequency	9.2 – 9.8 GHz	9.2 – 9.8 GHz
Insertion Loss	0.5 dB	0.3 dB
Isolation	20 dB	20 dB
VSWR	1.25:1	1.25:1
Power CW	50 W	100 W
Power Peak	250 W	800 W; 10% DC
Temperature	0°C to 60°C	0°C to 60°C
Size	.50" x .62" x .50"	.50" x .62" x .50"

#### Features and Benefits

- Low insertion loss with both models
- High peak power
- Small footprint