

Coaxial Circulators

N-type female terminated

FM Radio, Airband or VHF/UHF

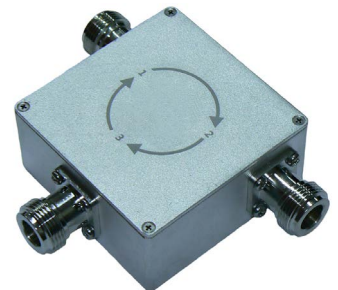


- Suitable for military, aeronautical or commercial applications
- Can be dual junction or tri-junction for high isolation - request when ordering
- High RF performance in a small profile

SKU	ZCI108NF*	ZCI137NF*	ZCI174NF	ZCI400NF
Construction	Anodised aluminium outer case and chrome terminations			
Frequency range	87.5-108 MHz FM Radio	118-137 MHz VHF Air Band	136-174 MHz VHF high band	225-400 MHz VHF/UHF
Tuning	Factory			
Insertion loss - maximum	0.6dB	0.5dB		0.8-1.0 dB
Isolation	20dB			16-18 dB
VSWR - maximum	1.25:1	1.2:1	1.25:1	1.35:1
Forward power - maximum	100 Watts		200 Watts	120 Watts
Return power - maximum	100 Watts		200 Watts	120 Watts
Connectors -input/output	N-type female			
Dimensions	Width: 60.0mm Length: 60.0mm Height: 28.0mm			W: 53.0mm L: 77.0mm H: 26.0mm
Working temperature	-20°C ~ +65°C	-30°C ~ +70°C		-40°C ~ +85°C
Installation	Connect terminations as per identification sticker on face of isolator			

* denotes a 200 or 500 Watt model is available upon request, see below for order number, specify when ordering.

Order Code	Frequency range	Maximum power
ZCI108NF-200	87.5-108 MHz - FM radio	200 Watts
ZCI108NF-500	87.5-108 MHz - FM radio	500 Watts
ZCI137NF-200	118-137 MHz - VHF Airband	200 Watts



Typical Configuration

Port 1: Input
Port 2: Output
Port 3: Dummy load