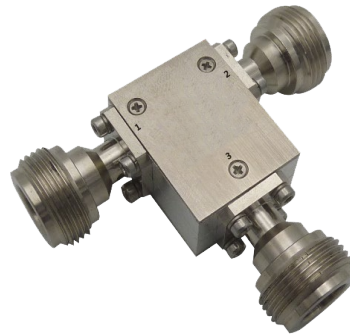


Coaxial Circulator 3.8-8GHz

P/N: YX-CC3.8D8N

### Features

- It can realize the customized design scheme
- Stable performance over temperature
- Low loss and High isolation



### Typical Applications

- Mobile communication field
- GSM,LTE,5G
- Satellite radar, electronic countermeasures
- Test equipment

### Electrical&Mechanical Specifications

Parameter		Min.	Typ.	Max.	Units
Frequency Range		3.8		8	GHz
Insertion Loss				0.3	dB
Isolation		20			dB
VSWR				1.2	: 1
Bandwidth		5% ~15%			
Rotation		Counter Clockwise			
Power Rating	Forward Power	30			W
Impedance		50			Ohms
Weight		NA			ounces
Input / Output Connectors		N – Female			
Material		Aluminum			
Finish		Nickel Plated			

**Environmental Specifications**

<b>Operational Temperature</b>	<b>-20°C~+70°C</b>
<b>Storage Temperature</b>	<b>-40°C~+85°C</b>
<b>Altitude</b>	<b>30,000 ft. (Epoxy Sealed Controlled environment)</b>
	<b>60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment) (Optional)</b>
<b>Vibration</b>	<b>25gRMS (15 degrees 2KHz) endurance, 1 hour per axis</b>
<b>Humidity</b>	<b>100% RH at 35°C, 95%RH at 40°C</b>
<b>Shock</b>	<b>20G for 11msec half sine wave,3 axis both directions</b>

**Outline Drawing:**

All Dimensions in mm (inches)

Outline Tolerances  $\pm 0.5(0.02)$

Mounting Holes Tolerances  $\pm 0.2(0.008)$

