

Coaxial Isolator 0.14-0.3GHz

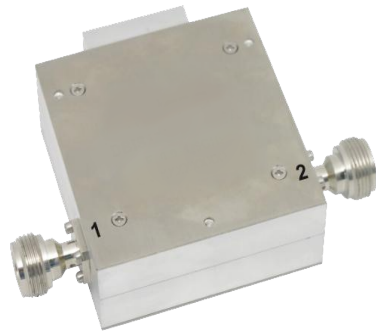
P/N: YX-CI0.14G0.3N

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		0.14		0.3	GHz
Insertion Loss				0.4	dB
Isolation		23			dB
VSWR				1.2	: 1
Bandwidth		20			MHz
Rotation		Clockwise (Standard) Counter Clockwise (upon request)			
Power Rating	Forward Power	50			W
	Reverse Power	10			
Impedance		50			Ohms
Weight		NA			ounces
Input / Output Connectors		N – Female			
Material		Aluminum			
Finish		Nickel Plated			

Environmental Specifications

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

Outline Drawing:

All Dimensions in mm (inches)

Outline Tolerances $\pm 0.5(0.02)$

Mounting Holes Tolerances $\pm 0.2(0.008)$

