

Coaxial Circulator 0.95-2.5GHz

P/N: YX-CC0.95D2.5N

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 | | 0.95 | | 2.5 | GHz |
| Insertion Loss | | | | 0.4 | 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 | |
|------------------------------|--|
| Operational Temperature | -20°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 $\pm 0.2(0.008)$

