

Coaxial Isolator or Circulator, 1.5-3.1GHz, (Split Bands) SMA or N-Type Connector, 10 Watt Isolator, 60 Watt Circulator)

RADI-dd3 Isolator 60W Forward and 10W Reverse power*

RADC-dd3 Circulator 60W Average power

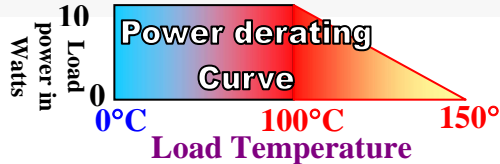
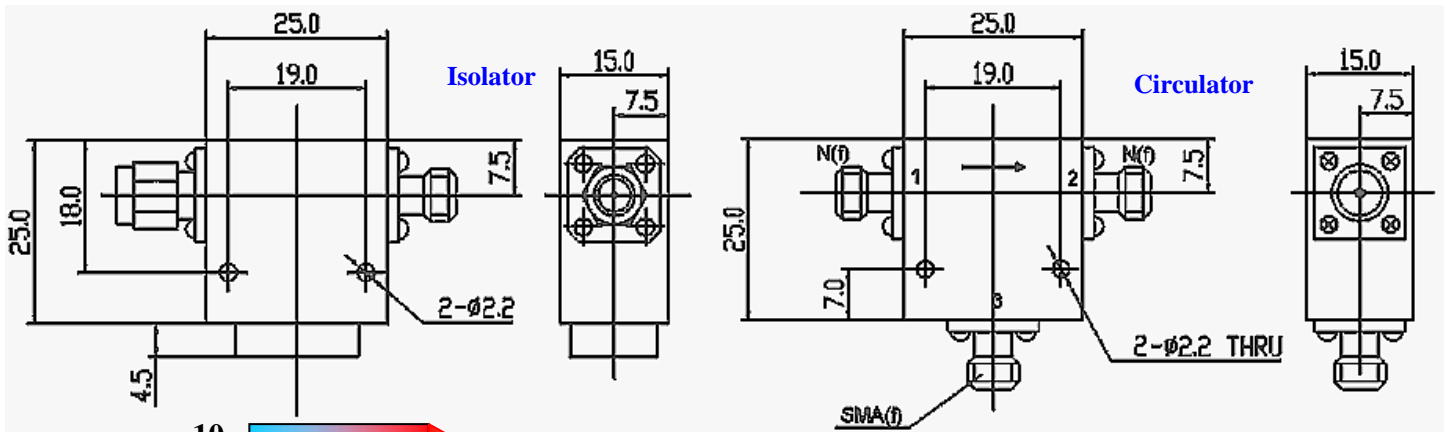
RADITEK offers a full range of high performance isolators and circulators.

Standard operating temperature is -40 to +85°C.

Extended temperatures and power handling with various loads up to 10 Watts are available.

Ensure Load Flange is kept <85°C*

Bright Nickel-plated finish, with Storage Temp of -55 to 110°C



*The above Circulator can be tuned from 1.8-3.5GHz with up to 400MHz bandwidth.

Direction of RF:	
R	Default
L	

Units: mm
Not to scale

N / SMA Connector options (X)				
Isolator			Circulator	
Port 1	Port 2		Port 3 Male	Port 3 Female
Female	Male	-1	-11	-21
Male	Female	-2	-12	-22
Female	Female	-3	-13	-23
Male	Male	-4	-14	-24

Order Examples: RADI-2.0-2.5-dd3-S3-10WR
I=ISOLATOR / C=CIRCULATOR

Specifications: Frequency GHz	BW	Insertion loss dB (max)	Isolation dB (min)	VSWR :1	Power Fwd Watts	Power Rev Watts	Op. Temp °C	Connector
1.5-1.8	10%	0.4	20	1.25	60	10	-30 to +70	N - SMA
1.6-1.8	Full	0.4	20	1.25	60	10	-30 to +70	N - SMA
1.8-2.0	Full	0.35	20	1.20	60	10	-30 to +70	N - SMA
2.0-2.5	Full	0.5	20	1.25	60	10	-30 to +70	N - SMA
2.2-2.5	Full	0.4	20	1.20	60	10	-30 to +70	N - SMA
2.2-2.6	Full	0.4	20	1.20	60	10	-30 to +70	N - SMA
2.28-2.52	Full	0.5	21	1.19	60	10	-30 to +70	N - SMA
2.3-2.5	Full	0.3	23	1.20	60	10	-30 to +70	N - SMA

RADCorI-1.5-3.1-dd3-S(N)-10WR-Generic-c Specifications may be subject to change

07/25/07

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2.3-2.7	Full	0.4	20	1.20	60	10	-30 to +70	N - SMA
2.7-2.9	Full	0.3	25	1.20	60	10	-40 to +70	N - SMA
2.85-3.30	Full	0.5	18	1.30	60	10	-30 to +70	N - SMA
2.9-3.1	Full	0.3	25	1.20	60	10	-40 to +70	N - SMA