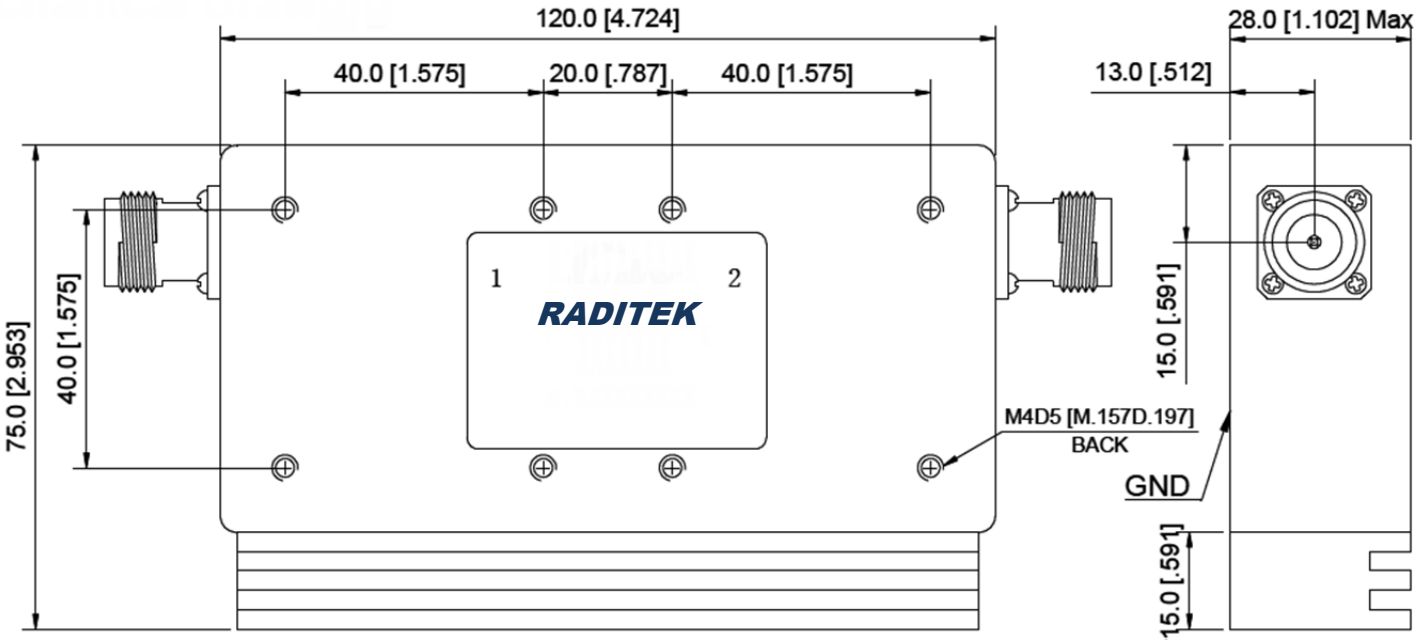
RADITEK INC.

RoHS COMPLIANT

Code-g18

Dual Junction Isolator, Coaxial, 60-270MHz, Split bands, 50Ω
N type or SMA Connectors, 50W/ 80W/ 100W



General part tolerance is ±0.2mm unless otherwise stated.

Units: mm [inches]
Not to scale

Direction of RF:	
R	Default ▶
L	◀

Order Examples: RADII-136-174M-N3-100WR-g18
II=ISOLATOR-ISOLATOR

N-type or 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

Specifications:

Freq. Range (MHz)	Insertion Loss Max (dB)	Isolation Min (dB)	VSWR Max	Forward Power (W)	Reverse Power(W)	Connector Type	Temp. (°C)
60 ~ 65	2.4	36	1.3	100	100	N-F	-10 ~ +65
65 ~ 70	2.4	36	1.3	100	100	N-F	-10 ~ +65
68 ~ 88	2.6	36	1.3	100	100	SMA-F	-20 ~ +65
70 ~ 85	2.0	40	1.25	100	100	SMA-F	-20 ~ +65
70 ~ 90	2.4	36	1.3	100	100	N-F	-20 ~ +65
80 ~ 120	2.4	36	1.35	50	50	SMA-F	0 ~ +65
85 ~ 135	2.4	36	1.3	80	80	N-F	-10 ~ +65
88 ~ 108	1.3	40	1.25	100	100	N-F	-20 ~ +65
88 ~ 138	2.0	40	1.3	80	80	N-F	-10 ~ +65
95 ~ 105	1.2	40	1.25	100	100	SMA-F	-20 ~ +65

WORLD HQ: 1702L Meridian Ave. Suite 127, San Jose, Ca 95125, U.S.A.
Tel: (408) 266-7404 FAX: (408) 266-4483
WEB: www.raditek.com E-mail: sales@raditek.com

Dual Junction Isolator, Coaxial, 60-270MHz, Split bands, 50Ω N type or SMA Connectors, 50W/ 80W/ 100W

Freq. Range (MHz)	Insertion Loss Max (dB)	Isolation Min (dB)	VSWR Max	Forward Power (W)	Reverse Power(W)	Connector Type	Temp. (°C)
100 ~ 130	1.4	36	1.3	100	100	N-F	-20 ~ +65
100 ~ 150	2.0	36	1.3	80	80	SMA-F	-10 ~ +65
108 ~ 118	1.0	45	1.2	100	100	N-F	-20 ~ +65
118 ~ 137	1.2	40	1.25	100	100	N-F	-20 ~ +65
130 ~ 180	1.5	36	1.3	100	100	SMA-F	-20 ~ +65
136 ~ 174	1.2	40	1.25	100	100	SMA-F or N-F	-20 ~ +65
150 ~ 200	1.4	36	1.3	100	100	N-F	-20 ~ +65
170 ~ 200	1.2	40	1.25	100	100	N-F	-20 ~ +65
180 ~ 220	1.0	40	1.25	100	100	SMA-M to SMA-F	-20 ~ +65
200 ~ 270	2.0	36	1.3	100	100	N-F	-20 ~ +65

WORLD HQ: 1702L Meridian Ave. Suite 127, San Jose, Ca 95125, U.S.A.
Tel: (408) 266-7404 FAX: (408) 266-4483
WEB: www.raditek.com E-mail: sales@raditek.com