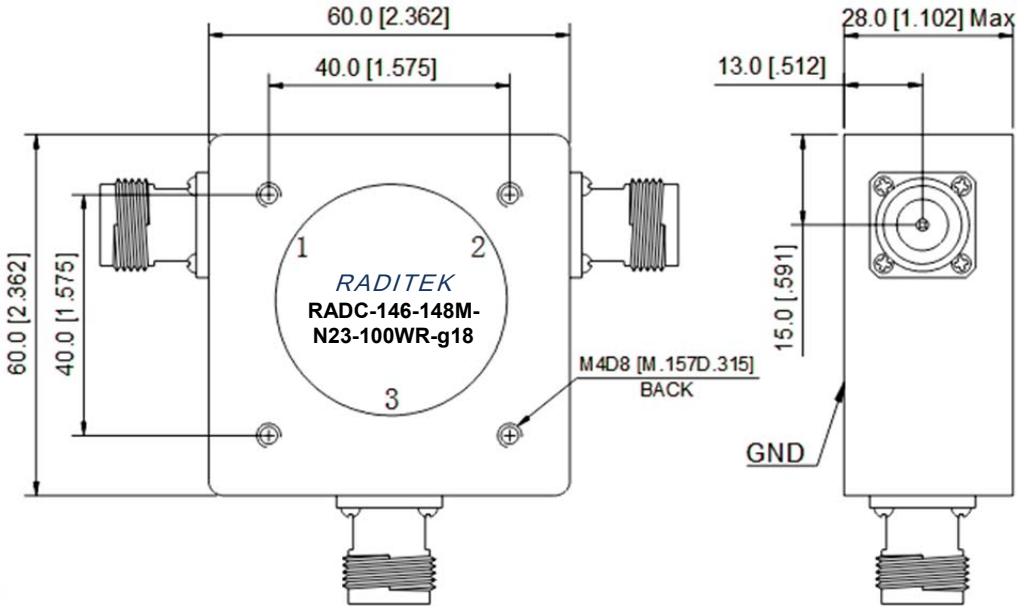
RADITEK INC.

RoHS COMPLIANT

code-g18

Circulator, Coaxial, 130-180MHz, Split Bands
N-Type or SMA Connectors, 50W, 100W or 150W



Units: mr
Not to scale
General part tolerance is 0.2mm unless otherwise stated

Direction of RF:	
R	Default ▶
L	◀

Order Examples: RADC-146-148M-N23-100WR-6060-g18
C=CIRCULATOR

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:

Frequency MHz	Insertion loss dB (max)	Isolation dB (min)	VSWR (max)	Forward Power Watts	Reverse Power Watts	Operating Temp °C	Connector
130-180	0.8	18	1.30:1	100 Avg. 150W Pk	-	-20 to +65	N-type
134-174	≤0.6	≥20	≤1.25:1	50	50	-20 to +65	SMA
140-150	≤0.6	≥20	≤1.25:1	100	100	-20 to +65	SMA
140-180	0.8	18	1.30:1	50 Avg.	50 Avg.	-20 to +70	N or SMA
144-148	≤0.6	≥20	≤1.25:1	10	10	-20 to +65	SMA
144.5-147.0	≤0.6	≥20	≤1.25:1	150	150	-20 to +65	N-type
146-148	≤0.6	≥20	≤1.25:1	100	100	-20 to +65	N-type
150-174	≤0.6	≥20	≤1.25:1	50	50	-20 to +65	SMA

WORLD HQ: 1702L Meridian Ave. Suite 127, San Jose, Ca 95125, U.S.A.
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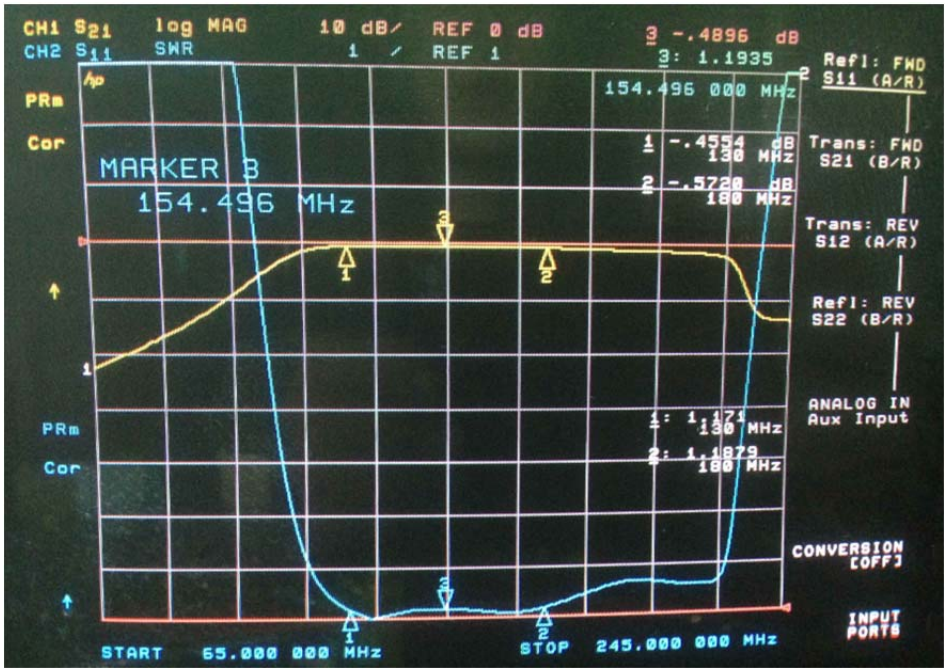
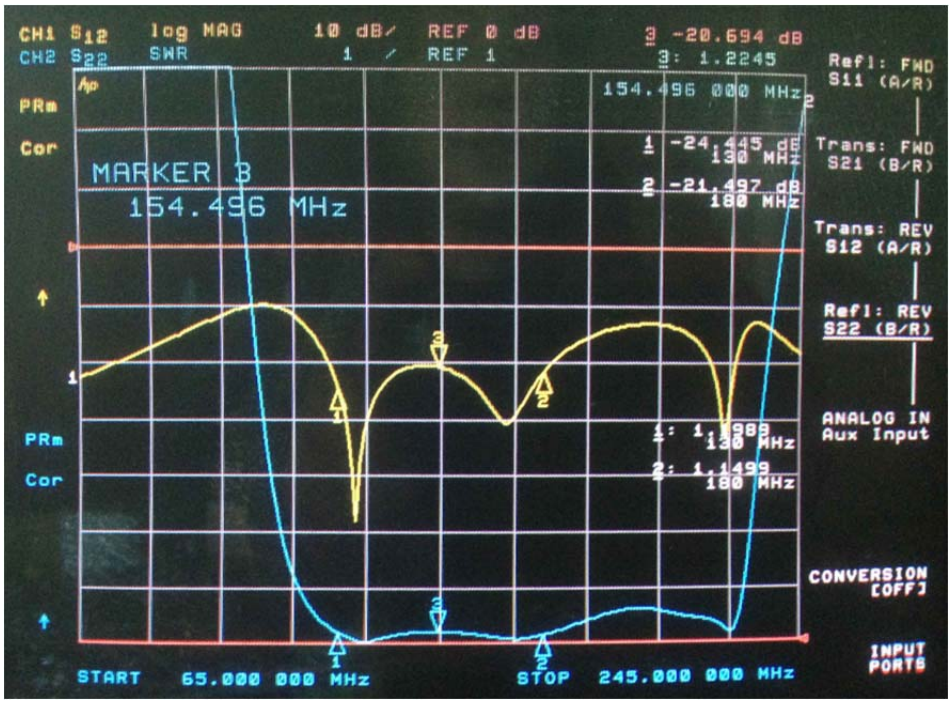
S parameter for 130-180MHz





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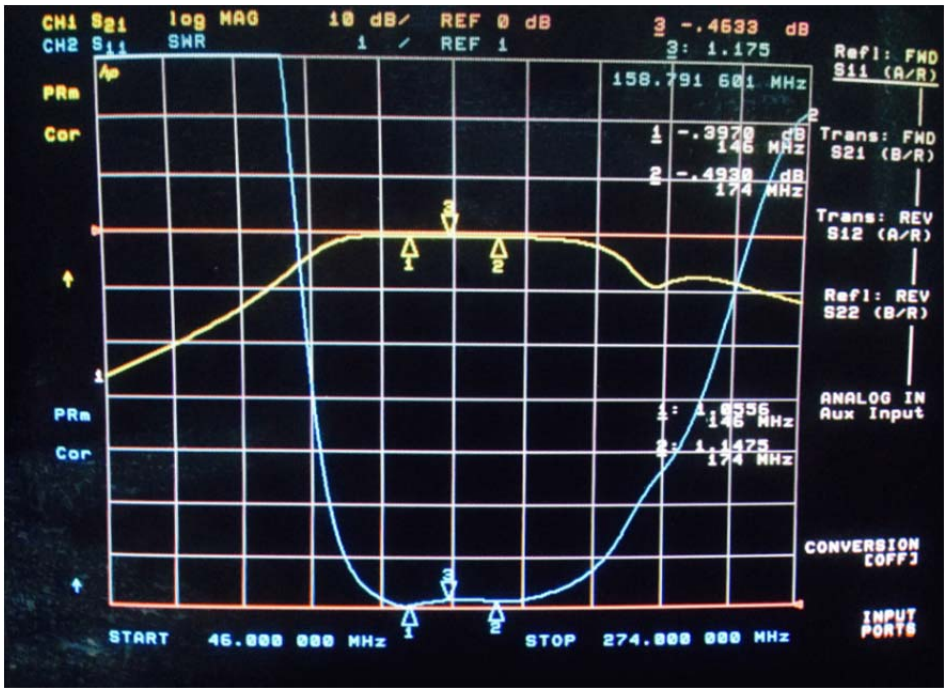
S parameter for 146-174MHz



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