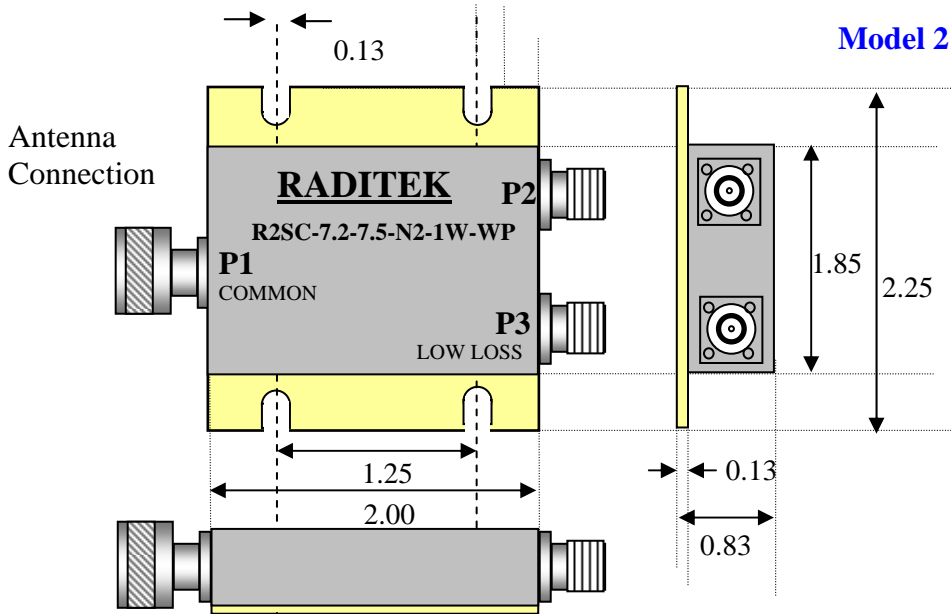


RADITEK INC.

Connectorized 2 way-Waterproof Power Divider / Splitter-Combiner

code-sj



Connector Options		
Port 1	Port 2-3	N-Type
Female	Male	N1
Male	Female	N2
Female	Female	N3
Male	Male	N4

Dual Directional

Order Examples: R2SC-7.2-7.5-N2-1W-WP

Description: (2-Way Splitter Combiner, 7.2-7.5 GHz, P1-N-Male, P2&P3-N-Female, 1 Watt, Water Proof)

WP=Waterproof, the connectors are totally sealed,
and the housing is finished in a tough epoxy paint finish”,

NX (N-Type connector option.(see table)

SX (SMA connector option.(see table)

Specifications	M2 3:1 split	Equal split	Equal split	Units
Frequency	7.2-7.5	6-8.5	7.1-8.5	GHz
Insertion Loss Port 1-3	2.5 (Low loss)	<3+0.95	<3+0.5	dB
Insertion Loss Port 1-2	6.5 (Hi loss)	<3+0.95	<3+0.5	dB
Isolation Port 2 to 3	21	>14	20	dB
Return loss Port 1	18.5	>15	>17	dB
Return loss Port 2 & 3	18.5	>15	>17	dB
Power into any Port (assuming other ports terminated into 50 ohms)	10	10	10	Watts
Total Power	1	1	1	Watt
Temperature, operating	-45 to 85	-45 to 85	-45 to 85	°C
Connectors	Nm / Nf / Nf	Nm / Nf / Nf	Nm / Nf / Nf	N-Type

R2SC-6.0-8.5-N2-1W-WP-sj

Specifications may be subject to change

01/15/07

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