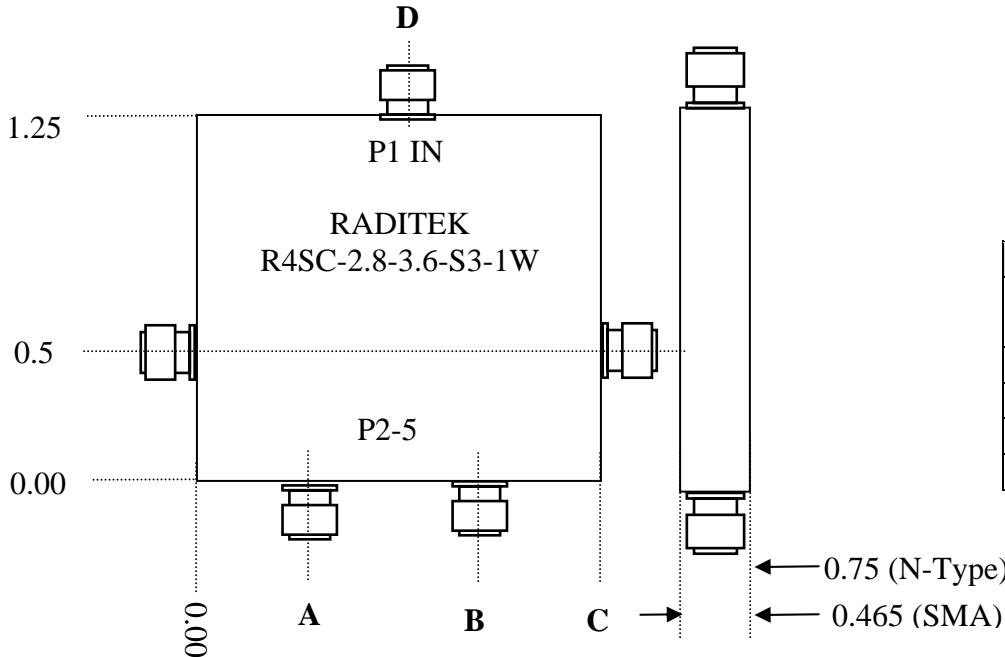


RADITEK INC.

4-Way Splitter Combiner 2.0-18.0 GHz, Part Bandwidth

code -L



Connector Options			
Port 1	Ports 2-5		Delivery
female	male	1	special
male	female	2	special
female	female	3	standard
male	male	4	special

Dimensions				
Type	A	B	C	D
N	0.75	1.75	2.50	1.25
SMA	0.75	1.25	2.00	1.00

SX-(SMA connectors, see table)
NX (N-type connectors to 6 GHz with larger housing, see table)

Units: Inches
Not to scale

Order Examples: R4SC-2.8-3.6-S3-1W

Description: (4-Way Splitter Combiner, 2.8-3.6 GHz, SMA Female Connectors, 1 Watt)

***25% Bandwidth Models Please Specify Exact Frequency at time of request.**

Specifications	*Bandwidth 25%			Units
Frequency:	2-18	2-10	7-11 or 9-13	GHz
Insertion loss	(6) + 0.6	(6) + 0.9	(6) + 0.9	dB max (Theoretical) + device
Isolation	18	18	18	dB
VSWR	1.2-1.4	1.4	1.4	:1
Amplitude balance	<0.3	<0.3	<0.3	dB
Phase balance	<±3°	<±3°	<±3°	
Connector	SMA or N	SMA	SMA	
Operating Temperature	-10 to 55	-10 to 55	-10 to 55	°C
Storage Temperature	-50 to 125	-50 to 125	-50 to 125	°C
Power	1, 10	1	1	Watts

R4SC-2.0-18.0-Sx-1W Part Bw-L

Specifications may be subject to change

01/15/07

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BOK 12/11/05

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RADITEK INC.

4-Way Splitter Combiner 2.0-18.0 GHz, Part Bandwidth

code -L

Specifications						Units
Frequency:	2-8	2-6	2-4	4-8	5.9-6.7	GHz
Insertion loss	(6) + 0.9	(6) + 0.9	(6) + 0.6	(6) + 0.6	(6) + 0.4	dB max (Theoretical) + device
Isolation	18	18	18	18	19	dB
VSWR	1.4	1.4	1.25	1.3	1.4	:1
Amplitude balance	<0.3	<0.3	<0.3	<0.3	<0.3	dB
Phase balance	<±3°	<±3°	<±3°	<±3°	<±3°	
Connector	SMA	SMA or N	SMA or N	SMA	N	
Operating Temperature	-10 to 55	-10 to 55	-10 to 55	-10 to 55	-10 to 55	°C
Storage Temperature	-50 to 125	-50 to 125	-50 to 125	-50 to 125	-50 to 125	°C
Power	1	1	1	1	1	Watts
Dimension					1.5x1.0x0.75	inch

Specifications					Units
Frequency	8.5-10.5	1700-4200	8.75-11.25	8.75-11.25	GHz
Insertion loss	(6) + 0.8	(6) + 0.5	(6) + 0.6	(6) + 0.6	dB max (Theoretical) + device
Isolation	20	20	18	18	dB
VSWR	1.4	1.25	1.4	1.4	:1
Amplitude balance	±0.5	<0.5	<0.3	<0.3	dB
Phase balance	±3°	<±3°	<±3°	<±3°	
Connector	SMA	SMA or N	SMA	SMA	
Operating Temperature	-10 to 55	-10 to 55	-10 to 55	-10 to 55	°C
Storage Temperature	-50 to 125	-50 to 125	-50 to 125	-50 to 125	°C
Power	1	1	1	1	Watts

R4SC-2.0-18.0-Sx-1W Part Bw-L

Specifications may be subject to change

01/15/07

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