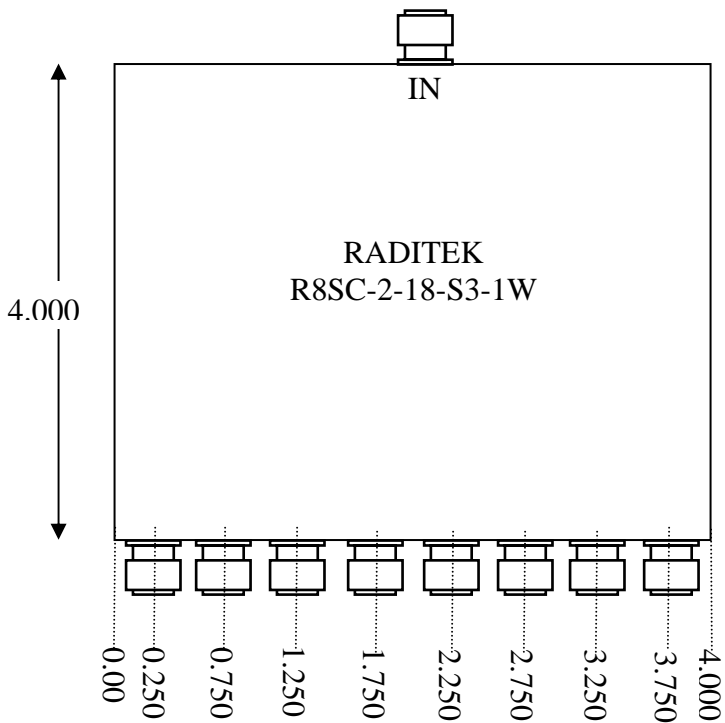


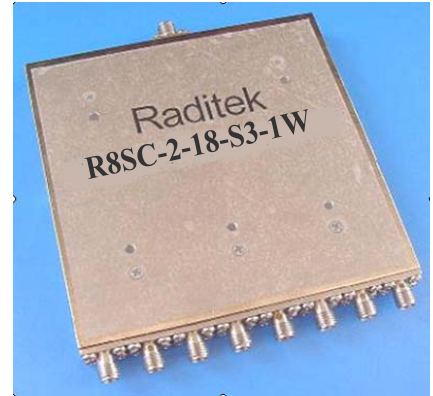
# RADITEK INC.

## 8 Way Splitter Combiner 2.0-18.0 GHz Full Bandwidth

code -L



Units: Inches  
Not to scale



Housing is Nickel-plated Aluminum

SMA Connector Options			
Port 1	Ports 2 -8		Delivery
female	male	S1	special
male	female	S2	special
female	female	S3	standard
male	male	S4	special

**SX-(SMA connectors, see table)**

### Order Examples: R8SC-2.0-18.0-S3-1W

Description: (2-Way Splitter Combiner, 2-18 GHz, SMA Female Connectors, 1 Watt)

Specifications	2-18		6-18	8.75-11.25	Units
Frequency:	2-8		8-18		GHz
Frequency:	2-8	8-18			GHz
Insertion loss	(9) + 1.6	(9) + 1.7	(9) + 1.5	(9) + 0.9	dB max (Theoretical) + device
Isolation	19	15	18	18	dB
VSWR	1.6	1.65	1.65	1.4	:1 max
Amplitude balance	<± 0.2	<± 0.2	<± 0.2	<± 0.2	dB
Phase balance	<±3°	<±3°	<±3°	<±3°	
Connector	SMA	SMA	SMA	SMA	
Operating Temperature	-10 to 55	-10 to 55	-10 to 55	-10 to 55	°C
Storage Temperature	-30 to 125	-30 to 125	-30 to 125	-50 to 125	°C
Power	1	1	1	1	Watts

R8SC-2.0-18.0-Sx-1W Full Bw-L

Specifications may be subject to change

01/15/07

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