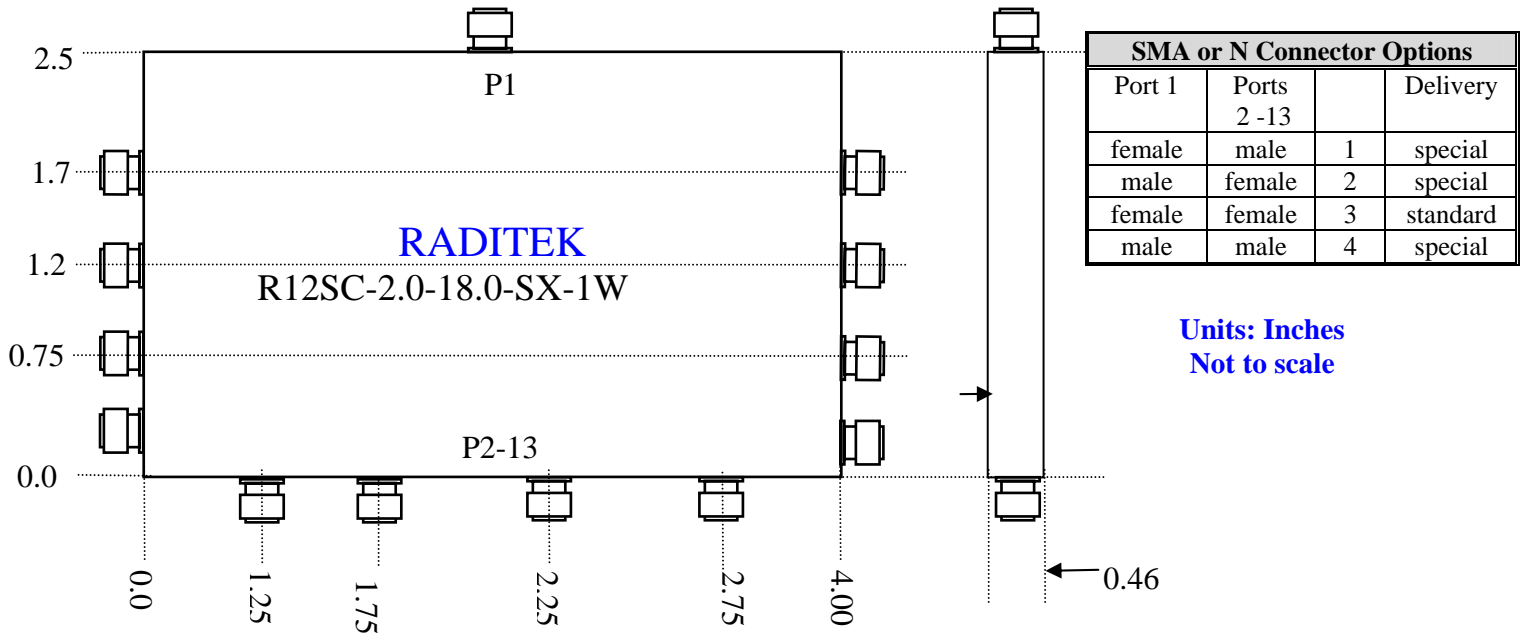


# RADITEK INC.

## 12 Way Splitter Combiner 2.0-18.0 GHz, Part Bandwidth

code -L



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

**NX-(N-type connector option up to 6GHz available with larger housing)**

**Order Examples: R12SC-2.0-4.0-S3-1W**

**Description: (12-Way Splitter Combiner, 2-4 GHz, SMA Female Connectors, 1 Watt)**

**\*25% Bandwidth Models Please Specify Exact Frequency at time of order**

Specifications	*Bandwidth 25%				Units
<b>Frequency:</b>	<b>2-18</b>	<b>2-4</b>	<b>4-8</b>	<b>8.5-9.6</b>	<b>GHz</b>
Insertion loss	(10.79) + 1.5	(10.79) + 1.5	(10.79) + 1.5	(10.79) + 1.5	dB max (Theoretical) + device
Isolation	22	18	18	20	dB
VSWR	1.45	1.45	1.45	1.35:1	:1
Amplitude balance	<±0.3	<±0.2	<±0.2	<±0.4	dB
Phase balance	<±2°	<±3°	<±3°	<±2°	
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, 10 or 20*	1, 10 or 20*	1, 10 or 20*	20	Watts Total

**\*With 20 Total Watts you must have an excellent output VSWR match of 1.25:1 or better.**

**\*\*Size of unit below 8GHz will increase.**

R12SC-2.0-18.0-Sx-1W Part Bw-L

Specifications may be subject to change

01/15/07

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