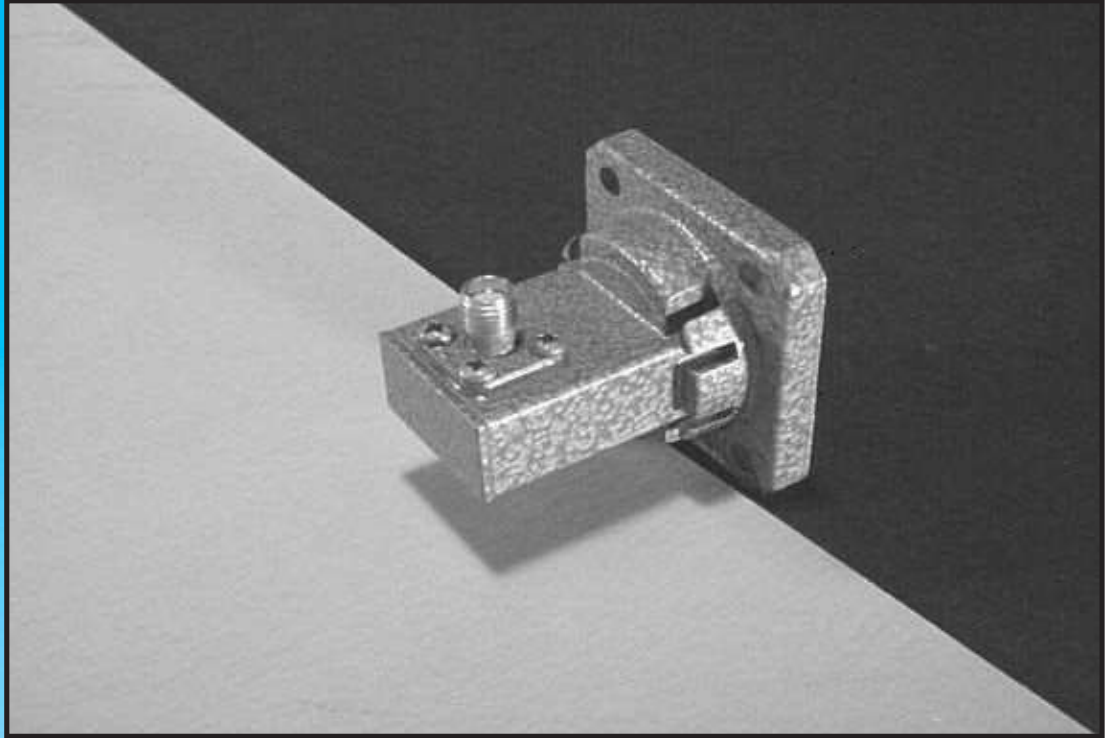


ADAPTERS-WAVEGUIDE TO COAX

SMA, SSMA, 3.5mm, 2.92mm(K), 2.4mm, and 1.85mm(V) Connectors



PENN ENGINEERING offers a complete line of Coax to Waveguide Adapters with, SMA, SSMA, 3.5mm, 2.92mm("K"), 2.4mm, and 1.85mm("V") connectors covering the frequency range of 1 to 75 Ghz.

These units are widely used in the test lab and in many commercial applications. Typical Insertion Loss is .1 dB

Brass/bronze Adapters are Silver plated per QQ-S-365D Class A, Aluminum Adapters are Chem-filmed per MIL-C-5541E, and both are finished with PENN ENGINEERING'S Polyurethane Blue Paint.

Low VSWR (e.g., 1.10:1) Adapters, covering portions of the waveguide band are also available as well as pressure-sealed adapters. We will design and build Custom Adapters to your specifications.

PENN ENGINEERING COMPONENTS

12750 RAYMER ST.
N. HOLLYWOOD
CALIFORNIA 91605

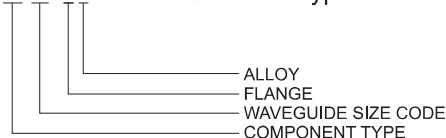
(818) 503-1511

FAX (818) 764-0195

www.pennengineering.com

ORDERING INFORMATION - TO ORDER, USE THE FOLLOWING EXAMPLE:

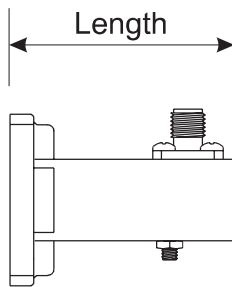
MODEL 1442-1B Is a WR-90 Type "SMA" with a cover flange in brass/bronze



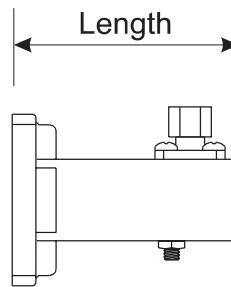
ALLOY: A=ALUMINUM B=BRASS/BRONZE C=COPPER S=SILVER SS=STAINLESS STEEL
FLANGE: 1=COVER 2=CHOKE 3=CMR 4=CPRG 5=CPRF

(See last page for complete list of flanges and materials)

WAVEGUIDE TO TYPE SMA, SSMA, 3.5, 2.92(K), 2.4mm, and 1.85mm(V)



1400 SERIES FEMALE



1500 SERIES MALE

Model #		Connector Type	Waveguide Size EIA	Frequency Range(GHz)	VSWR (max.)	Length (inches)
Female	Male					
1460	1560	SMA	WR-430	1.70-2.60	1.25	4.12
1458	1558	SMA	WR-340	2.20-3.30	1.25	3.50
1456	1556	SMA	WR-284	2.60-3.95	1.25	3.00
1454	1554	SMA	WR-229	3.30-4.90	1.25	2.12
1452	1552	SMA	WR-187	3.95-5.85	1.25	2.00
1450	1550	SMA	WR-159	4.90-7.05	1.25	2.00
1448	1548	SMA	WR-137	5.85-8.20	1.25	1.75
1446	1546	SMA	WR-112	7.05-10.0	1.25	1.50
1444	1544	SMA	WR-102	7.00-11.0	1.25	1.50
1442	1542	SMA	WR-90	8.2-12.4	1.25	1.50
1440	1540	SMA	WR-75	10.0-15.0	1.25	1.50
1438	1538	SMA	WR-62	12.4-18.0	1.25	1.50
1436	1536	SMA	WR-51	15.0-22.0	1.25	1.50
1434	1534	SMA	WR-42	18.0-26.5	1.25	1.00
1432	1532	2.92mm	WR-34	22.0-33.0	1.25	1.00
1430*	1530	2.92 or 2.4mm	WR-28	26.5-40.0	1.30	1.00
1428**	1528	2.92 or 2.4mm	WR-22	33.0-50.0	1.30	1.00
1426**	1526	2.4mm	WR-19	40.0-60.0	1.50	1.00
1424**	1524	1.85mm	WR-15	50.0-67.0	1.50	1.00

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