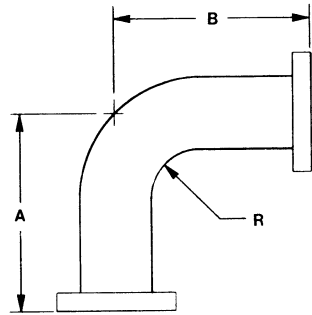


WAVEGUIDE SWEPT 90° BENDS

SERIES
13



GENERAL INFORMATION

- FULL WAVEGUIDE FREQUENCY RANGE
- ARM LENGTHS TO 60 INCHES
- STANDARD EXTERIOR FINISH IS FLAT BLACK POLYURETHANE ENAMEL COLOR 37038 PER FED-STD-595
- LOWER VSWR OVER NARROWER BANDS
- MULTIPLE BENDS AND CUSTOM DESIGNS AVAILABLE

SPECIFICATIONS

BASIC MODEL	FREQ. RANGE (GHz)	EIA DESIG.	VSWR (max.)	INSERT. ² LOSS (dB max.)	WT. ³ (lbs.)	R (in.)
13L ¹	1.12-1.7	WR650	1.05	.02+ .006 dB/ft	6.0+2.0 lbs/ft	6
13M ¹	1.7-2.6	WR430	1.05	.02+ .007 dB/ft	4.0+ 1.4 lbs/ft	5
13S	2.6-3.95	WR284	1.05	.03+ .009 dB/ft	3.0+2.9 lbs/ft	4
13SC	3.3-4.9	WR229	1.05	.03+ .011 dB/ft	2.5+2.3 lbs/ft	3
13C	3.95-5.85	WR187	1.05	.04+ .016 dB/ft	2.0+ 1.7 lbs/ft	2.5
13CA	4.9-7.05	WR159	1.05	.05+ .019 dB/ft	1.7+ 1.3 lbs/ft	1.5
13A	5.85-8.2	WR137	1.05	.05+ .023 dB/ft	1.5+ 1.1 lbs/ft	1.5
13XL	7.05-10	WR112	1.05	.07+ .035 dB/ft	1.1+ .92 lbs/ft	1
13X	8.2-12.4	WR90	1.05	.08+ .045 dB/ft	.70+ .63 lbs/ft	.5
13XK	10-15	WR75	1.05	.08+ .060 dB/ft	.45+ .55 lbs/ft	.5
13KU	12.4-18	WR62	1.05	.09+ .070 dB/ft	.30+ .40 lbs/ft	.5
13K	18-26.5	WR42	1.10	.10+ .150 dB/ft	.15+ .27 lbs/ft	.25
13KA	26.5-40	WR28	1.10	.15+ .250 dB/ft	.10+ .25 lbs/ft	.25

Ordering Code

NOTES: 1 - available in aluminum only
2 - at worst case freq.
3 - wt. shown for copper

MODEL	FLANGE	MAT'L	FINISH	LENGTH A	LENGTH B	PLANE
FROM ABOVE	1 - CPRF 2 - CPRG 3 - COVER 4 - CHOKE 5 - SPECIAL	A - ALUM B - BRASS C - COPPER D - SPECIAL	1 - IRIDITE 2 - SILVER 3 - SPECIAL	INCHES	INCHES	E-E BEND H-H BEND

INTERNATIONAL TELECOMMUNICATION COMPONENTS, INC.

94B East Jefryn Blvd., Deer Park, NY 11729

(516) 243-1444

FAX (516) 595-9160

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