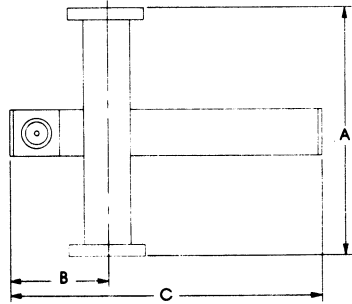


# CROSSGUIDE DIRECTIONAL COUPLERS

TYPE N CONNECTOR OUTPUT

SERIES  
44



## GENERAL INFORMATION

- FULL WAVEGUIDE FREQUENCY RANGE
- PRECISION INTERNAL TERMINATION
- TYPE N CONNECTOR OUTPUT PER MIL-C-39012
- STANDARD EXTERIOR FINISH IS FLAT BLACK POLYURETHANE ENAMEL COLOR 37038 PER FED-STD-595
- CUSTOM DESIGNS AVAILABLE

## SPECIFICATIONS

BASIC MODEL	FREQ. RANGE (GHz)	EIA DESIG.	VSWR (max.)		NOM. COUP. (dB)	FREQ. SENS. (dB)	DIREC-TIVITY (dB) MIN.	DIM. (inches)		
			PRI.	SEC.				A	B	C
44L <sup>1</sup>	1.12-1.7	WR650	1.05	1.25	±.5	±1.2	15	12	5	21
44M <sup>1</sup>	1.7-2.6	WR430	1.05	1.25	±.5	±1.2	15	11	4	16
44S	2.6-3.95	WR284	1.05	1.25	±.5	±1.2	15	8	3.5	12.5
44SC	3.3-4.9	WR229	1.05	1.25	±.5	±1.2	15	6	3	11
44C	3.95-5.85	WR187	1.05	1.25	±.5	±1.2	15	6	3	8.2
44CA	4.9-7.05	WR159	1.05	1.25	±.5	±1.2	15	5	2	7.5
44A	5.85-8.2	WR137	1.05	1.25	±.5	±1.2	15	5	2	7.2
44XL	7.05-10	WR112	1.05	1.25	±.5	±1.2	15	4	2	6.5
44X	8.2-12.4	WR90	1.05	1.25	±.5	±1.2	15	4	1.75	5.5
44XK	10-15	WR75	1.05	1.35	±.5	±1.2	15	3	1.5	5.25
44KU	12.4-18	WR62	1.05	1.50	±.5	±1.2	15	3	1.5	5

## Ordering Code

NOTES: 1 - available in aluminum only

MODEL	FLANGE	MAT'L	FINISH	COUPLING
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	20 - 20dB 30 - 30dB 40 - 40dB 50 - 50dB 60 - 60dB

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