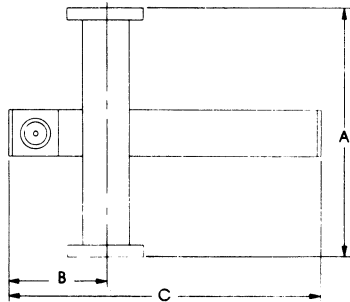


CROSSGUIDE DIRECTIONAL COUPLERS

TYPE SMA CONNECTOR OUTPUT

SERIES
45



GENERAL INFORMATION

- FULL WAVEGUIDE FREQUENCY RANGE
- PRECISION INTERNAL TERMINATION
- TYPE SMA 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
45L ¹	1.12-1.7	WR650	1.05	1.25	±.5	±1.2	15	12	5	21
45M ¹	1.7-2.6	WR430	1.05	1.25	±.5	±1.2	15	11	4	16
45S	2.6-3.95	WR284	1.05	1.25	±.5	±1.2	15	8	3.5	12.5
45SC	3.3-4.9	WR229	1.05	1.25	±.5	±1.2	15	6	3	11
45C	3.95-5.85	WR187	1.05	1.25	±.5	±1.2	15	6	3	8.2
45CA	4.9-7.05	WR159	1.05	1.25	±.5	±1.2	15	5	2	7.5
45A	5.85-8.2	WR137	1.05	1.25	±.5	±1.2	15	5	2	7.2
45XL	7.05-10	WR112	1.05	1.25	±.5	±1.2	15	4	2	6.5
45X	8.2-12.4	WR90	1.05	1.25	±.5	±1.2	15	4	1.75	5.5
45XK	10-15	WR75	1.05	1.25	±.5	±1.2	15	3	1.5	5.25
45KU	12.4-18	WR62	1.05	1.25	±.5	±1.2	15	3	1.5	5
45K	18-26.5	WR42	1.05	1.35	±.5	±1.2	15	1.5	.75	4.25
45KA	26.5-40	WR28	1.05	1.35	±.5	±1.2	15	1.5	.75	4.25

NOTES: 1 - available in aluminum only

Ordering Code

MODEL	FLANGE	MAT'L	FINISH	COUPLING
FROM ABOVE	1 - CPRF	A - ALUM	1 - IRIDITE	20 - 20dB
	2 - CPRG	B - BRASS	2 - SILVER	30 - 30dB
	3 - COVER	C - COPPER	3 - SPECIAL	40 - 40dB
	4 - CHOKE	D - SPECIAL		50 - 50dB
	5 - SPECIAL			60 - 60dB

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