

TWISTS



Right-hand twist shown

PENN ENGINEERING offers a line of waveguide Twists for changing the horizontal/vertical orientation of a waveguide system. VSWR is 1.05:1 typ. over the full bandwidth.

Brass/Bronze units are Silver Plated per QQ-S-365D Class A, Aluminum units are Chem-filmed per MIL-C-5541E, and Both are finished with PENN ENGINEERING'S Polyurethane Blue Paint.

Twists are Left-Handed as standard. Special Twist angles and lengths are available upon request.

PENN ENGINEERING COMPONENTS

12750 RAYMER ST.
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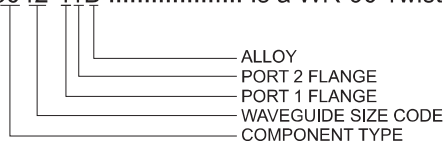
(818) 503-1511

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www.pennengineering.com

ORDERING INFORMATION - TO ORDER, USE THE FOLLOWING EXAMPLE:

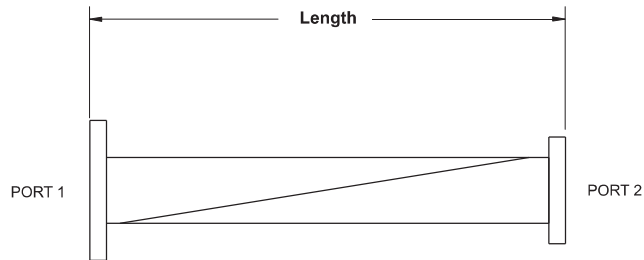
MODEL 3042-11B Is a WR-90 Twist 90 deg. with cover flanges in brass



ALLOY: A=ALUMINUM B=BRASS 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)

TWISTS



90 Degree Model	45 Degree Model	Waveguide Size	Frequency Range(GHz)	Length
3058	3158	WR 340	2.10-3.00	12.0
3056	3156	WR 284	2.60-3.95	10.0
3054	3154	WR 229	3.30-4.90	10.0
3052	3152	WR 187	3.95-5.85	8.0
3050	3150	WR 159	4.90-7.05	8.0
3048	3148	WR 137	5.85-8.20	8.0
3046	3146	WR 112	7.05-10.0	6.0
3044	3144	WR 102	7.00-11.0	6.0
3042	3142	WR 90	8.20-12.4	6.0
3040	3140	WR 75	10.0-15.0	5.0
3038	3138	WR 62	12.4-18.0	5.0
3036	3136	WR 51	15.0-22.0	4.0
3034	3134	WR 42	18.0-26.5	3.0
3032	3132	WR 34	22.0-33.0	3.0
3030	3130	WR 28	26.5-40.0	3.0
3028	3128	WR 22	33.0-50.0	2.0
3024	3124	WR 15	50.0-75.0	2.0
3022	3122	WR 12	60.0-90.0	2.0
3020	3120	WR 10	75.0-110.0	2.0