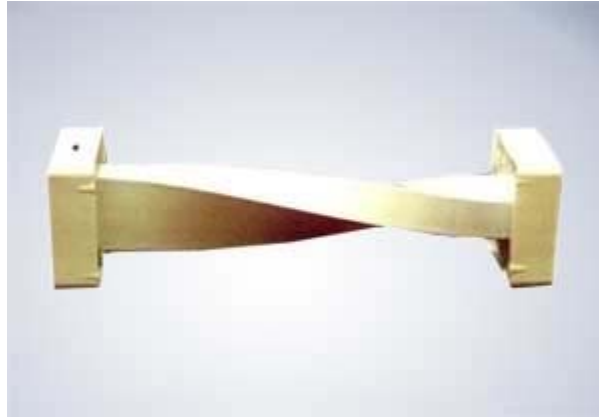


Rigid Twists



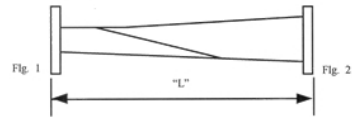
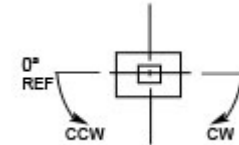
1.70 - 22.00 GHz Performance Frequency
 1.25 Typical Max VSWR (VSWR varies with design)
 Numerous Flange Configurations available
 Aluminum (6061) or Copper WR Waveguide Available

Advanced Microwave Components is proud to offer quality waveguide in a flash! Our waveguide twist sections are manufactured to our customer's specifications. All AMC components are produced with the highest quality available. We insure our quality to a MIL-I-45208 Inspection System. All parts are painted flat black and flanges are polished, unplated and iridited.

WAVEGUIDE FLANGES:

A = AMC QUICK DISCONNECT (MALE) PATENT PROTECTED
B = AMC QUICK DISCONNECT (FEMALE) PATENT PROTECTED
C = CPR STYLE GROOVED (CLEAR HOLES)
D = CPR STLYE GROOVED (ALL TAP)
E = CPR STYLE FLAT (ALL TAP)
F = CPR STYLE FLAT (CLEAR HOLES)
G = CPR STYLE CONTACT (CLEAR HOLES)
H = CPR STYLE CONTACT (ALL TAP)
I = CMR (CLEAR HOLES)
J = CMR (ALT TAP, CLEAR)

K = CMR (ALL TAP)
L = UG COVER (CLEAR HOLES)
M = UG COVER (ALL TAP)
N = UG COVER GROOVE (CLEAR HOLES)
O = UG COVER GROOVE (ALL TAP)
P = UG CHOKE (ALL TAP)
Q = UG CHOKE (CLEAR HOLES)
R = UBR
S = PBR
T = CBR
U = UDR
V = PDR
W = CDR
X = SPECIAL FLANGES (CUSTOMER TO SPECIFY)



EIA WR SIZE.	FRRQ. RANGE GHZ	VSWR MAX.	MIN. LENGTH DIM. "L"
28	26.5 - 40.0	1.1	2
34	18.0 - 26.5	1.1	2.25
51	15.0 - 22.0	1.1	2.25
62	12.4 - 18.0	1.05	2.5
75	10.0 - 15.0	1.05	3
90	8.20 - 12.4	1.05	3
102	7.00 - 11.0	1.05	3.5
112	7.05 - 10.0	1.05	3.5
137	5.85 - 8.20	1.05	4
159	4.90 - 7.05	1.05	5
187	3.95 - 5.85	1.05	6
229	3.30 - 4.90	1.05	7.5
284	2.60 - 3.95	1.05	8.5
430	1.70 - 2.60	1.05	16

SAMPLE P/N:
AMCTW-45Y-75-N/N-12-B

MODEL NO:	ANGLE TW=90 Specify Angle	DIRECTION Y=Clockwise Z=Counter-Clockwise	W/G SIZE	FLANGE TYPE	LENGTH	MATERIAL A=Aluminum B=Brass
AMCTW	45	Y	75	N/N	12	B

The above referenced part number describes the following item: WR 75 45 degree CW, twist section, both flanges are cover flanges with grooves, made of brass material. The overall length is 12 inches from flange face to flange face.

Note: All AMC models include an iridite/corrosion protection treatment and are painted Flat black. Flanges are unplated, polished and iridited. AMC makes twists of all angles. Please specify your required degree if other than 90 degrees