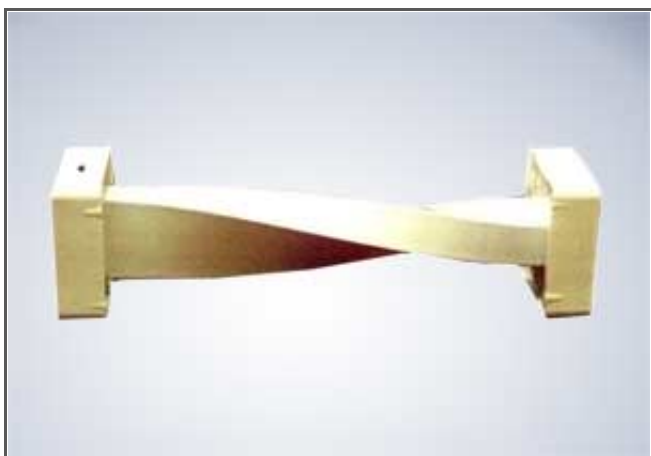


Rigid Twists



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 with an ISO9001 / AS9100 Quality 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 (ALL CLEAR HOLES)
D = CPR STYLE GROOVED (ALL TAP HOLES)
E = CPR STYLE FLAT (ALL TAP HOLES)
F = CPR STYLE FLAT (CLEAR HOLES)
G = CPR STYLE CONTACT (CLEAR HOLES)
H = CPR STYLE CONTACT (ALL TAP HOLES)
I = CMR (CLEAR HOLES)
J = CMR (ALT/ TAP,/CLEAR HOLES)
K = CMR (ALL TAP HOLES)
L = UG COVER (CLEAR HOLES)
M = UG COVER (ALL TAP HOLES)
N = UG COVER GROOVED (ALL CLEAR HOLES)
O = UG CHOKE (CLEAR HOLES)
P = UG CHOKE (ALL TAP HOLES)
Q = UG COVER GROOVED (ALL TAP HOLES)
R = UBR

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

S = PBR
T = CBR
U = UDR
V = PDR
W = CDR
X = SPECIAL FLANGES (CUSTOMER TO SPECIFY)

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.