

Waveguide Mitered Bends



Waveguide Mitered Bends Description

- 1.70 - 40.00 GHz
- Precision Tuned Cast Miters (Bronze or Aluminum Cast)
- Standard Material Copper or Aluminum (6061) Waveguide
- All Bends are Custom Built to Customer Specifications

Custom waveguide components.

We insure our quality with an ISO 9001 / AS9100 certified quality system. All components are painted flat black, but we offer additional upgrades on paint.

WAVEGUIDE FLANGES:

A = AMC QUICK DISCONNECT (MALE) PATENT PROTECTED

B = AMC QUICK DISCONNECT (FEMALE) PATENT PROTECTED

C = MODIFIED CPR STYLE - GROOVE ONLY, NO CONTACTS (CLEAR HOLES)

D = MODIFIED CPR STYLE - GROOVE ONLY, NO CONTACTS (ALL TAP HOLES)

E = CPR STYLE FLAT (ALL TAP HOLES)

F = CPR STYLE FLAT (CLEAR HOLES)

G = CPR STYLE CONTACT GROOVED (CLEAR HOLES)

H = CPR STYLE CONTACT GROOVED (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

S = PBR

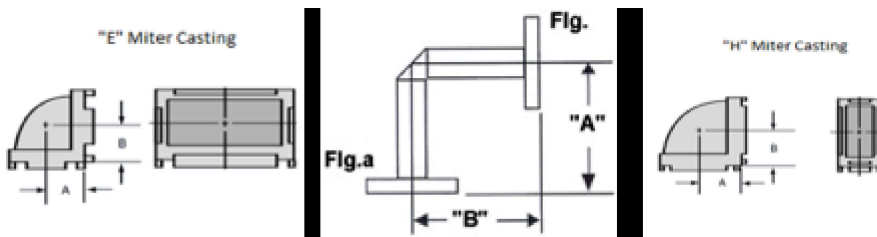
T = CBR

U = UDR

V = PDR

W = CDR

X = SPECIAL FLANGES (CUSTOMER TO SPECIFY)



WR SIZE	FREQ (GHZ)	MIN. DIM. "E-BEND"	MIN. DIM "H-BEND"
28	26.5 - 40.0	0.75	1
42	19.0 - 26.5	0.75	1
51	15.0 - 22.0	0.75	1
62	12.4 - 18.0	0.75	1
75	10.0 - 15.0	0.75	1
90	8.20 - 12.4	1	1.25
102	7.00 - 11.0	1	1.25
112	7.05 - 10.0	1	1.25

137	5.85 - 8.20	1	1.25
159	4.90 - 7.05	1.25	1.5
187	3.95 - 5.85	1.25	1.75
229	3.30 - 4.90	1.25	1.75
284	2.60 - 3.95	2	2.5
430	1.70 - 2.60	3	4

SAMPLE P/N: AMC-EM137-G/G-2.25X2.25-B

MODEL No. EM or HM	WAVEGUIDE Size	FLANGE TYPE	LEG DIM A+B	MATERIAL A=Aluminum B=Brass
AMC-EM	137	-G/G-	-2.25x2.25-	B

The above referenced part number describes the following item WR137"E" mitered bend, with CPRG flanges, legs 2.25" each, made of brass All bends are 90 degree, other degrees available upon request.

