

Waveguide Transitions



Waveguide Transitions Description

- 1.70 - 40.00 GHz Performance Frequency
- (VSWR varies with design)
- Numerous Flange Configurations available
- Aluminum (6061) or Brass configuration Available
- Contact Us for Alternative lengths

Waveguide transitions are a way of propagating RF energy from one Frequency to another Frequency. We stock standard transition lengths but can manufacture to customer specifications.

All components are produced with the highest quality available. We insure our quality through a ISO9001 / AS9100 certified 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 = MODIFIED CPR STYLE - GROOVE ONLY, NO CONTACTS (ALL 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

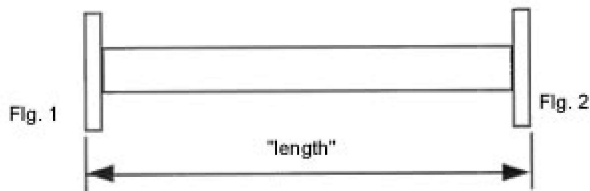
T = CBR

U = UDR

V = PDR

W = CDR

X = SPECIAL FLANGES (CUSTOMER TO SPECIFY)



Model No.	FREQ: (GHz)	Length
WR 22 TO WR 28	33.0 - 40.0	4.00
WR 28 TO WR 34	26.5 - 33.0	4.00
WR 34 TO WR 42	22.0 - 26.5	4.00
WR 42 TO WR 51	18.0 - 22.0	4.00
WR51 TO WR 62	15.0 - 18.0	4.00
WR 62 TO WR 75	12.4 - 15.0	4.00
WR 75 TO WR 90	10.0 - 12.4	5.00
WR 90 TO WR 112	8.2 - 10.0	6.00
WR 112 TO WR 137	7.05 - 8.2	6.00
WR 137 TO WR 159	5.85 - 7.05	8.00
WR 159 TO WR 187	4.9 - 5.85	9.00

WR 187 TO WR 229	3.95 - 4.9	10.00
WR 229 TO WR 284	3.30 - 3.95	11.00
WR 284 TO WR 340	2.6 - 3.30	12.00
WR 340 TO WR 430	2.20 - 2.60	15.00

SAMPLE P/N: AMC-TR137/159-G/G-8B

MODEL NO:	W/G SIZE	FLANGE TYPE	LENGTH	MATERIAL A= Alum B = Brass
AMCTR	137/159	-G/G-	6	B

The above referenced part number describes the following item: WR137 to WR159 Transition assembly, Both flanges are CPRG Style, made of brass material.

