

W/G Transitions



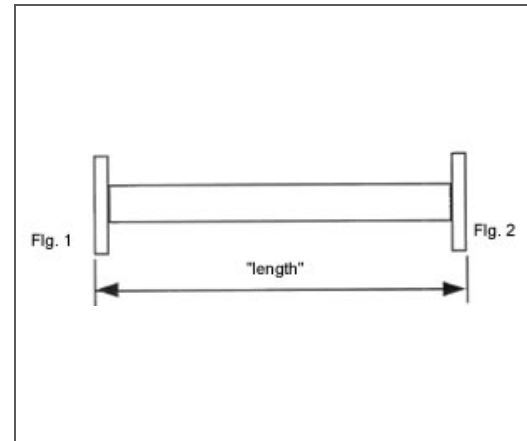
1.70 - 22.00 GHz Performance Frequency
 1.25 Typical Max VSWR (VSWR varies with design)
 Numerous Flange Configurations available
 Aluminum (6061) or Brass WR Waveguide Available

Advanced Microwave Components manufactures waveguide transitions as a way of propagating RF energy from one WR size to another WR size. Our transition sections are manufactured to our customer's specifications and can be ready to ship on the same day. 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)



*SAMPLE P/N:
AMCTR137/159-G/G-6B*

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 cover CPRG Style, made of brass material.

Note: All AMC models include an iridite/corrosion protection treatment and are painted Flat Black. Flanges are unplated, polished and iridited.

EIA WR SIZE	FREQ: GHZ	MAX. VSWR
28	18.0 - 22.0	1.1
34	15.0 - 18.0	1.1
42	12.4 - 15.0	1.1
51	10.0 - 12.4	1.1
62	8.20 - 10.0	1.1
75	7.05 - 8.20	1.1
90	5.85 - 7.05	1.1
112	4.90 - 5.85	1.1
137	3.95 - 4.90	1.1
159	3.30 - 3.95	1.1
229	5.80 - 16.0	1.25
284	5.80 - 16.0	1.25
430	5.80 - 16.0	1.25
DR580		
DR650		
DR750		