

Waveguide Rotary Joints - U, L and IL



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 offers an array of waveguide rotary joints. AMC also offers special unit design upon customer request. All AMC components are produced with the highest quality available. We insure our quality to a MIL-I-45208 Inspection System.

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)

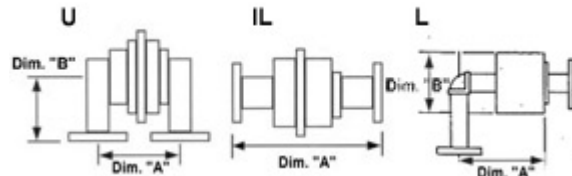
P = UG CHOKE (ALL TAP)
Q = UG CHOKE (CLEAR HOLES)
R = UBR
S = PBR
T = CBR
U = UDR
V = PDR
W = CDR
X = SPECIAL FLANGES (CUSTOMER TO SPECIFY)

MODEL NUMBERS:

IL = INLINE

U = U-SHAPE

L = L-SHAPE



EIA WR SIZE	FREQ: GHZ	DIM. "A"	DIM. "B"	FIG.TYPE	POWER WATTS (CW)
75	14.0 - 14.5	1.57	2.25	" 1 "	600
75	14.0 - 14.5	3.5	-	" 2 "	2000
90	8.20 - 12.4*	4	-	" 2 "	1000
112	7.05 - 10.0*	4	-	" 2 "	1000
137	5.80 - 6.80	3.25	3	" 1 "	1000
137	5.85 - 6.42	5	-	" 2 "	1000
187	5.30 - 5.70	6.68	-	" 2 "	450
284	2.70 - 3.20	9.9	-	" 2 "	2500
430	1.75 - 2.30	12	-	" 2 "	3000

*SAMPLE P/N:
AMC-RJ-IL-75-Q-B*

MODEL NO:	W/G SIZE	FLANGE	MATERIAL A=Alum. B=Brass
AMC-RJ-IL	75	Q	B

The above referenced part number describes the following: WR75 "In-Line" style rotary joint , with choke flanges at both ends, made of brass.

Note: All AMC models include an iridite/corrosion protection treatment. Flanges are unplated, polished and iridited. Other finishes and paint colors are available upon request.