

Waveguide Straight Section



Waveguide Straight Sections Description

- 1.70 - 40.00 GHz Performance Frequency
- TYPICAL VSWR 1.05
- Numerous Flange Configurations available
- Aluminum (6061) or Copper Waveguide Available
- Custom lengths .75" to 144"

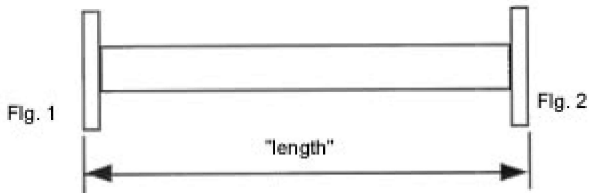
Quality waveguide in a flash! Our waveguide sections are manufactured to our customer's specifications and can be ready to ship on the same day. All components are produced with the highest quality available.

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)



WAVEGUIDE	FREQUENCY: GHZ
28	26.5 - 40.0
34	22.0 - 33.0
42	18.0 - 26.5
51	15.0 - 22.0
62	12.4 - 18.0
75	10.0 - 15.0
90	8.20 - 12.4
112	7.05 - 10.0
137	5.85 - 8.20
159	4.90 - 7.05
187	3.95 - 5.85
229	3.30 - 4.90

284	2.60 - 3.95
430	1.70 - 2.60

SAMPLE P/N: AMC-SS75-N/N-24-B

MODEL NO:	WAVEGUIDE SIZE	FLANGE TYPE	LENGTH	MATERIAL A=Alum. B=Brass
AMC-SS	75	-N/N-	-24-	B

The above referenced part number describes the following: WR75 Straight Section assembly, both flanges are cover flanges with grooves, made of brass material. The overall length is 24 inches from flange face to flange face. WG lengths can range from 1" to 144".

