# Low Power Load

## Low Power Load Description

- 1.70 - 40.0 GHz Performance Frequency
- 1.25 Typical Max VSWR (VSWR varies with design)
- Power ratings can vary with design
- Multiple Design lengths available
- Numerous Flange Configurations available
- Aluminum (6061) or Copper Waveguide Available
- Contact sales staff for available options

Low Power Termination that utilize poly iron precision machined elements.We offer special unit design upon customer request.

Low Power Terminations come standard with flat black paint.

### WAVEGUIDE FLANGES:

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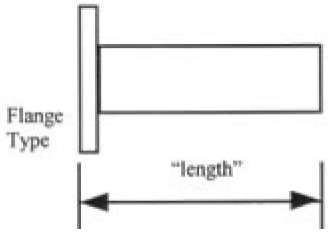
|---|
| **A** = AMC QUICK DISCONNECT (MALE) PATENT PROTECTED |
| **B** = AMC QUICK DISCONNECT (FEMALE) PATENT PROTECTED |
| **C** = MODIFIED CPR STYLE - GROOVE ONLY, NO CONTACTS (ALL CLEAR HOLES) |
| **D** = MODIFIED CPR STYLE - GROOVE ONLY, NO CONTACTS (ALL TAP HOLES) |
| **E** = CPR STYLE FLAT (ALL 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) |




| WR SIZE | FREQUENCY GHZ | LENGTH | WATTS (CW) |
|---|---|---|---|
| **28** | **26.5 - 40.0** | **3.5** | **20** |
| **34** | **22.0 - 33.0** | **3.5** | **20** |
| **42** | **18.0 - 26.5** | **2.5** | **20** |
| **62** | **12.4 - 18.0** | **1.25** | **20** |
| **75** | **10.0 - 15.0** | **1.25** | **25** |
| **90** | **8.20 - 12.4** | **1.25** | **35** |
| **112** | **7.05 - 10.0** | **1.25** | **45** |
| **137** | **5.85 - 8.20** | **1.25** | **50** |
| **159** | **4.90 - 7.05** | **1.5** | **80** |
| **187** | **3.95 - 5.85** | **2.5** | **90** |
| **229** | **3.30 - 4.90** | **2.5** | **100** |
| **284** | **2.60 - 3.95** | **3.0** | **125** |

| | | | |
|---|---|---|---|
| **430** | **1.70 - 2.60** | **8.0** | **175** |

## SAMPLE P/N: AMC-LPT75-N-B

| MODEL NO: | WAVEGUIDE | FLANGE TYPE | POWER CW | MATERIAL A= Aluminum B= Brass |
|---|---|---|---|---|
| **AMC-LPT** | **75** | **-N-** | **25** | **B** |

The above referenced part number describes the following: WR75, 25 Watts Low Power Termination. The flange is a UG cover style with a groove, made of brass.

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