

High Power Load



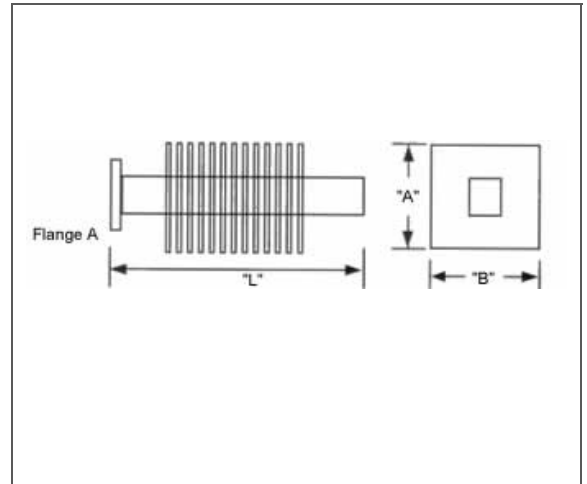
1.70 - 26.50 GHz High Performance
 1.15 Typical VSWR
 Standard Material Aluminum (6061)
 200-4000 Watt Loads

AMC offers a High Power Termination that has a quality load that is installed with a high heat epoxy. The termination comes standard with several cooling fins attached to the external surface. 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. All AMC's High Power Terminations come standard with high heat black paint. We offer additional upgrades on paint.

WAVEGUIDE FLANGES:

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|---|
| 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) |

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| 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) |



| EIA WR SIZE | FREQ: RANGE GHZ | MAX. DIM. " L " | MAX. DIM. " A " | MAX. DIM. " B " | POWER WATTS (CW) |
|-------------|-----------------|-----------------|-----------------|-----------------|------------------|
| 42 | 18.0 - 26.5 | 4 | 2.25 | 2.25 | 200 |
| 62 | 12.4 - 18.0 | 4.5 | 2.5 | 2.5 | 350 |
| 75 | 10.0 - 15.0 | 9.25 | 2.75 | 3 | 750 |
| 90 | 8.20 - 12.4 | 5.75 | 2.75 | 2.75 | 375 |
| 112 | 7.05 - 10.0 | 6.25 | 3.25 | 3.25 | 425 |
| 137 | 5.85 - 8.20 | 8.25 | 4.25 | 4.25 | 1000 |
| 137 | 5.85 - 8.20 | 13.1 | 4 | 3.5 | 5000 |
| 159 | 4.90 - 7.05 | 8.5 | 3.75 | 3.25 | 1000 |
| 187 | 3.95 - 5.85 | 9.5 | 4.25 | 3.75 | 1250 |
| 229 | 3.30 - 4.90 | 12 | 5.5 | 5 | 2000 |
| 284 | 2.60 - 3.95 | 13.5 | 6 | 5 | 3500 |
| 430 | 1.70 - 2.60 | 17 | 8.5 | 7 | 4000 |
| | | | | | |

SAMPLE P/N: AMC-HPT-137-G-A

| MODEL NO: | W/G SIZE | FLANGE TYPE | MATERIAL A=Alum. B=Brass |
|-----------|----------|-------------|--------------------------------|
| AMC HPT | 137 | -G- | A |

The above referenced part number describes the following item: WR137 High Power Termination, with a cprg flange, made of aluminum.

Note: All AMC models include an iridite/corrosion protection treatment and are painted high-temperature flat black. Flanges are unplated, polished and iridited. Other finishes are available upon request