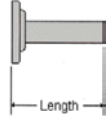
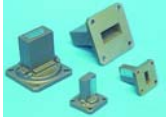


SHORT TERMINATION

Description:

- Full waveguide frequency range
- Units pressure tested to 30 psi
- Finish is a unique corrosion-resistant 316 stainless steel epoxy coating
- VSWR: 1.10 max
- ATM series 710 Terminations utilizes Medium Power Elements to achieve low VSWR and stable electrical characteristics



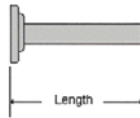
Ordering Information: Typical Part #: 137-710 B -2
Basic Model #: _____
Material: A=Alum, B=Brass, C=Copper, D=Special
Flange 1: 1=CPRG, 2=CPRF, 6=COVER, 7=CHOKE, 8=SPECIAL

| Basic Model No. | WG Size | Freq (GHz) | Standard Flange | Power Avg. (W) | Length (inches) |
|-----------------|---------|---------------|-----------------|----------------|-----------------|
| 650-710 | WR650 | 1.12 - 1.70 | CPRF (2) | 50 | 7.00 |
| 430-710 | WR430 | 1.70 - 2.60 | CPRF (2) | 40 | 7.00 |
| 340-710 | WR340 | 2.20 - 3.30 | CPRF (2) | 40 | 6.00 |
| 284-710 | WR284 | 2.60 - 3.95 | COVER (6) | 30 | 3.00 |
| 229-710 | WR229 | 3.30 - 4.90 | CPRF (2) | 25 | 3.00 |
| 187-710 | WR187 | 3.95 - 5.85 | COVER (6) | 25 | 2.50 |
| 159-710 | WR159 | 4.90 - 7.05 | CPRF (2) | 20 | 2.00 |
| 137-710 | WR137 | 5.95 - 8.20 | CPRF (2) | 15 | 1.75 |
| 112-710 | WR112 | 7.05 - 10.00 | COVER (6) | 15 | 1.50 |
| 102-710 | WR102 | 7.00 - 11.00 | COVER (6) | 15 | 1.50 |
| 90-710 | WR90 | 8.20 - 12.40 | COVER (6) | 15 | 1.50 |
| 75-710 | WR75 | 10.00 - 15.00 | COVER (6) | 15 | 1.25 |
| 62-710 | WR62 | 12.40 - 18.00 | COVER (6) | 10 | 1.00 |
| 51-710 | WR51 | 15.00 - 22.00 | COVER (6) | 10 | 1.00 |
| 42-710 | WR42 | 18.00 - 26.50 | COVER (6) | 10 | 1.00 |
| 34-710 | WR34 | 22.00 - 33.00 | COVER (6) | 5 | 0.75 |
| 28-710 | WR28 | 26.50 - 40.00 | COVER (6) | 5 | 0.75 |
| 22-710 | WR22 | 33.00 - 50.00 | COVER (6) | 5 | 0.75 |

MEDIUM POWER TERMINATION

Description:

- Full waveguide frequency range
- Units pressure tested to 30 psi
- Finish is a unique corrosion-resistant 316 stainless steel epoxy coating Low outgassing characteristics
- VSWR: 1.10 max
- ATM series 740 utilizes High Power Ceramic Elements fired at 1300 C for low VSWR and table electrical characteristics



Ordering Information: Typical Part #: 137-740 B -2
Basic Model #: _____
Material: A=Alum, B=Brass, C=Copper, D=Special
Flange 1: 1=CPRG, 2=CPRF, 6=COVER, 7=CHOKE, 8=SPECIAL

| Basic Model No. | WG Size | Freq (GHz) | Standard Flange | Power Avg. (W) | Length (inches) |
|-----------------|---------|---------------|-----------------|----------------|-----------------|
| 650-740 | WR650 | 1.12 - 1.70 | CPRF (2) | 1500 | 13.00 |
| 430-740 | WR430 | 1.70 - 2.60 | CPRF (2) | 1200 | 12.00 |
| 340-740 | WR340 | 2.20 - 3.30 | CPRF (2) | 1200 | 12.00 |
| 284-740 | WR284 | 2.60 - 3.95 | COVER (6) | 1200 | 11.00 |
| 229-740 | WR229 | 3.30 - 4.90 | CPRF (2) | 1000 | 9.75 |
| 187-740 | WR187 | 3.95 - 5.85 | COVER (6) | 750 | 8.38 |
| 159-740 | WR159 | 4.90 - 7.05 | CPRF (2) | 625 | 8.00 |
| 137-740 | WR137 | 5.95 - 8.20 | CPRF (2) | 500 | 8.00 |
| 112-740 | WR112 | 7.05 - 10.00 | COVER (6) | 425 | 7.00 |
| 102-740 | WR102 | 7.00 - 11.00 | COVER (6) | 325 | 6.50 |
| 90-740 | WR90 | 8.20 - 12.40 | COVER (6) | 225 | 5.50 |
| 75-740 | WR75 | 10.00 - 15.00 | COVER (6) | 200 | 4.50 |
| 62-740 | WR62 | 12.40 - 18.00 | COVER (6) | 100 | 3.25 |
| 51-740 | WR51 | 15.00 - 22.00 | COVER (6) | 100 | 3.25 |
| 42-740 | WR42 | 18.00 - 26.50 | COVER (6) | 100 | 3.50 |
| 34-740 | WR34 | 22.00 - 33.00 | COVER (6) | 75 | 3.25 |
| 28-740 | WR28 | 26.50 - 40.00 | COVER (6) | 75 | 4.00 |
| 22-740 | WR22 | 33.00 - 50.00 | COVER (6) | 25 | 2.50 |

VERY HIGH POWER WAVEGUIDE TERMINATION

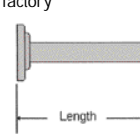
| Model No | Waveguide Size | Freq (GHz) | Power Avg. (W) |
|-----------|----------------|---------------|----------------|
| 650-760-6 | WR650 | 1.12 - 1.70 | 8000 |
| 430-760-6 | WR430 | 1.70 - 2.60 | 6500 |
| 284-760-6 | WR284 | 2.60 - 3.95 | 5000 |
| 229-760-6 | WR229 | 3.30 - 4.90 | 4000 |
| 187-760-6 | WR187 | 3.95 - 5.85 | 3000 |
| 159-760-6 | WR159 | 4.90 - 7.05 | 3000 |
| 137-760-6 | WR137 | 5.85 - 8.20 | 3000 |
| 112-760-6 | WR112 | 7.05 - 10.00 | 3000 |
| 90-760-6 | WR90 | 8.20 - 12.40 | 1500 |
| 75-760-6 | WR75 | 10.00 - 15.00 | 1400 |
| 62-760-6 | WR62 | 12.40 - 18.00 | 1400 |
| 51-760-6 | WR51 | 15.00 - 22.00 | 1200 |
| 42-760-6 | WR42 | 18.00 - 26.50 | 1000 |
| 34-760-6 | WR34 | 22.00 - 33.00 | 700 |
| 28-760-6 | WR28 | 26.50 - 40.00 | 500 |



LOW POWER TERMINATION

Description:

- Full waveguide frequency range
- Units pressure tested to 30 psi
- Finish is a unique corrosion-resistant 316 stainless steel epoxy coating
- ATM series 720 Terminations utilize a Precision Conical Element to achieve very low VSWR.
- For short size on High Power Terminations contact factory



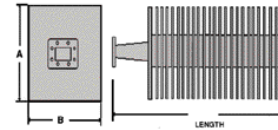
Ordering Information: Typical Part #: 137-720 B -2
Basic Model #: _____
Material: A=Alum, B=Brass, C=Copper, D=Special
Flange 1: 1=CPRG, 2=CPRF, 6=COVER, 7=CHOKE, 8=SPECIAL

| Basic Model No. | WG Size | Freq (GHz) | Standard Flange | VSWR max. | Power Avg. (W) | Length (inches) |
|-----------------|---------|---------------|-----------------|-----------|----------------|-----------------|
| 650-720 | WR650 | 1.12 - 1.70 | CPRF (2) | 1.02 | 25 | 12.50 |
| 430-720 | WR430 | 1.70 - 2.60 | CPRF (2) | 1.02 | 15 | 11.00 |
| 340-720 | WR340 | 2.20 - 3.30 | CPRF (2) | 1.01 | 12 | 10.75 |
| 284-720 | WR284 | 2.60 - 3.95 | COVER (6) | 1.01 | 10 | 10.50 |
| 229-720 | WR229 | 3.30 - 4.90 | CPRF (2) | 1.01 | 10 | 7.50 |
| 187-720 | WR187 | 3.95 - 5.85 | COVER (6) | 1.01 | 8 | 6.25 |
| 159-720 | WR159 | 4.90 - 7.05 | CPRF (2) | 1.01 | 7 | 6.00 |
| 137-720 | WR137 | 5.95 - 8.20 | CPRF (2) | 1.01 | 6 | 5.50 |
| 112-720 | WR112 | 7.05 - 10.00 | COVER (6) | 1.01 | 4 | 5.00 |
| 102-720 | WR102 | 7.00 - 11.00 | COVER (6) | 1.01 | 3 | 4.00 |
| 90-720 | WR90 | 8.20 - 12.40 | COVER (6) | 1.01 | 4 | 4.00 |
| 75-720 | WR75 | 10.00 - 15.00 | COVER (6) | 1.01 | 2 | 4.00 |
| 62-720 | WR62 | 12.40 - 18.00 | COVER (6) | 1.01 | 1.5 | 4.00 |
| 51-720 | WR51 | 15.00 - 22.00 | COVER (6) | 1.01 | 1.0 | 4.00 |
| 42-720 | WR42 | 18.00 - 26.50 | COVER (6) | 1.01 | 0.5 | 2.50 |
| 34-720 | WR34 | 22.00 - 33.00 | COVER (6) | 1.01 | 0.5 | 2.50 |
| 28-720 | WR28 | 26.50 - 40.00 | COVER (6) | 1.02 | 0.5 | 2.00 |
| 22-720 | WR22 | 33.00 - 50.00 | COVER (6) | 1.02 | 0.5 | 1.50 |

HIGH POWER TERMINATION

Description:

- Full waveguide frequency range
- Units pressure tested to 30 psi
- Finish is a unique corrosion-resistant 316 stainless steel epoxy coating
- All 745 series Terminations are manufactured from 6061 Aluminum
- Low outgassing characteristics
- VSWR: 1.10 max
- ATM series 745 utilizes High Power Ceramic Elements fired at 1300 C for low VSWR and stable electrical characteristics



Ordering Information: Typical Part #: 137-745 -2
Basic Model #: _____
Flange 1: 1=CPRG, 2=CPRF, 6=COVER, 7=CHOKE, 8=COVER/GROOVE

| Basic Model No. | WG Size | Freq (GHz) | Standard Flange | Power Avg. (W) | Length (inches) | Dim. A | Dim. B |
|-----------------|---------|---------------|-----------------|----------------|-----------------|--------|--------|
| 650-745 | WR650 | 1.12 - 1.70 | CPRF (2) | 2500 | 13.00 | 8.00 | 8.00 |
| 430-745 | WR430 | 1.70 - 2.60 | CPRF (2) | 2500 | 9.00 | 6.00 | 6.00 |
| 340-745 | WR340 | 2.20 - 3.30 | CPRF (2) | 2500 | 12.00 | 6.00 | 6.00 |
| 284-745 | WR284 | 2.60 - 3.95 | COVER (6) | 2400 | 12.00 | 6.00 | 5.00 |
| 229-745 | WR229 | 3.30 - 4.90 | CPRF (2) | 2000 | 9.75 | 5.00 | 5.00 |
| 187-745 | WR187 | 3.95 - 5.85 | COVER (6) | 1500 | 9.00 | 4.50 | 4.50 |
| 159-745 | WR159 | 4.90 - 7.05 | CPRF (2) | 1300 | 9.00 | 4.50 | 4.50 |
| 137-745 | WR137 | 5.95 - 8.20 | CPRF (2) | 1000 | 8.50 | 4.00 | 4.00 |
| 137-745A | WR137 | 5.95 - 8.20 | CPRF (2) | 1500 | 9.00 | 4.50 | 4.50 |
| 112-745 | WR112 | 7.05 - 10.00 | COVER (6) | 850 | 8.00 | 4.00 | 4.00 |
| 102-745 | WR102 | 7.00 - 11.00 | COVER (6) | 500 | 6.50 | 3.50 | 3.50 |
| 90-745 | WR90 | 8.20 - 12.40 | COVER (6) | 500 | 5.50 | 3.50 | 3.50 |
| 75-745 | WR75 | 10.00 - 15.00 | COVER (6) | 350 | 5.00 | 3.50 | 3.50 |
| 75-745A | WR75 | 10.00 - 15.00 | COVER (6) | 550 | 5.00 | 4.50 | 4.50 |
| 62-745 | WR62 | 12.40 - 18.00 | COVER (6) | 250 | 4.50 | 3.00 | 3.00 |
| 51-745 | WR51 | 15.00 - 22.00 | COVER (6) | 250 | 4.50 | 3.00 | 3.00 |
| 42-745 | WR42 | 18.00 - 26.50 | COVER (6) | 250 | 4.50 | 2.25 | 2.25 |
| 34-745 | WR34 | 22.00 - 33.00 | COVER (6) | 175 | 4.00 | 2.00 | 2.00 |
| 28-745 | WR28 | 26.50 - 40.00 | COVER (6) | 175 | 4.00 | 2.00 | 2.00 |
| 22-745 | WR22 | 33.00 - 50.00 | COVER (6) | 100 | 3.00 | 1.50 | 1.50 |

VERY HIGH POWER DOUBLE RIDGE WAVEGUIDE TERMINATION

| Model No. | Waveguide Size | Freq (GHz) | Power Avg. (W) |
|------------|----------------|--------------|----------------|
| 750-750-C3 | WRD750 | 7.50 - 18.00 | 700 |
| 650-750-C3 | WRD650 | 6.50 - 18.00 | 800 |
| 580-750-C3 | WRD580 | 5.80 - 16.00 | 1000 |
| 475-750-C3 | WRD475 | 4.75 - 11.00 | 1000 |

High Power Rating
Flange Code: C3 = Cover (WRD)

