



| REVISIONS | | | | |
|-----------|-----|-------------|------|----------|
| ZONE | REV | DESCRIPTION | DATE | APPROVED |
| | | | | |

Rectangular W/G Termination, High Power – WM Series
 Full waveguide frequency range.
 Units pressure tested to 30 psi.
 Low outgassing characteristics.
 VSWR: 1.10 max.
 WM Terminations are manufactured from 6061 Aluminum.
 Finish: Hi-Temp black paint.
 Mounted in the horizontal plane with free air flow.
 Surface temperature exceeds 300°C, we recommend forced air cooling.

| MODEL | FREQUENCY | DIM. A/B/C |
|--------|-----------|---------------|
| WM1-X | 1.12-1.7 | 13/11/9 |
| WM2-X | 1.7-2.6 | 12/6/6 |
| WM3-X | 2.2-3.3 | 12/6/6 |
| WM4-X | 2.6-3.95 | 12/6/6 |
| WM5-X | 3.3-4.9 | 10.63/5/5 |
| WM6-X | 3.95-5.85 | 9/4.5/4.5 |
| WM7-X | 4.9-7.05 | 9/4.5/4.5 |
| WM8-X | 5.85-8.2 | 8.5/4/4 |
| WM9-X | 7.05-10 | 8/4/4 |
| WM10-X | 7-11 | 6.5/3.5/3.5 |
| WM11-X | 8.2-12.4 | 5.5/3.5/3.5 |
| WM12-X | 10-15 | 5/3.5/3.5 |
| WM13-X | 12.4-18 | 4.5/3/3 |
| WM14-X | 18-26.5 | 4.5/2.25/2.25 |
| WM15-X | 26.5-40 | 4/2/2 |
| WM16-X | 33-50 | 3/1.5/1.5 |

ORDERING INFORMATION AND OPTION:

| SERIES | FREQUENCY | FLANGE | MATERIAL | FINISH |
|--------|-----------|--|-----------------------------|---|
| WM | -1 to -16 | -1 = CPRF -2 = CPRG -3 = COVER -4 = CHOKE -5 = SPECIAL | -A = ALUMINUM -B = BRASS | -1 = IRIDITE -2 = SILVER -3 = SPECIAL |

EXAMPLE PART NUMBER: WM-2-3-A-1

HIGH POWER SERIES ————
 FREQUENCY BAND ————
 FLANGE TYPE ————

FINISHING ————
 MATERIAL ————

| | | | | |
|---|--|---|--|--|
| MATERIAL: | | MCLI MICROWAVE COMMUNICATIONS LABORATORIES INC. 7225 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 344-6254 FAX: (727) 381-8116 http://www.mcli.com | | SCALE: N/A |
| DRAWING TITLE: WAVEGUIDE TERMINATION, HIGH POWER | | PART NO. WM-1 to WM-16 | | SHEET: N/A |
| DRAWING: Paboon Luekhamhan | | DATE: 10-29-2009 | | CAGE CODE: OD2L5 |
| APPROVED: T. Nguyen | | DATE: 10-29-2009 | | |
| <small>UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR (mm) (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ± 0.01 ± 0.005 ANGLE: ± 1/2°</small> | | <small>REFER TO THE DRAWING FOR DIMENSIONS AND FINISHES UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE TO UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE TO UNLESS OTHERWISE SPECIFIED.</small> | | SIZE: N/A REV: N/A DWG NO. 84679 |
| DO NOT SCALE THE DRAWING | | | | |