

- ◆ Standard bandwidth for commercial applications
- ◆ Small Cell Power Levels
- ◆ Low VSWR
- ◆ Guaranteed Low PIM
- ◆ Convenient Size for easy installation
- ◆ Multiple connector options
- ◆ RoHS compliant
- ◆ IP67 Rated

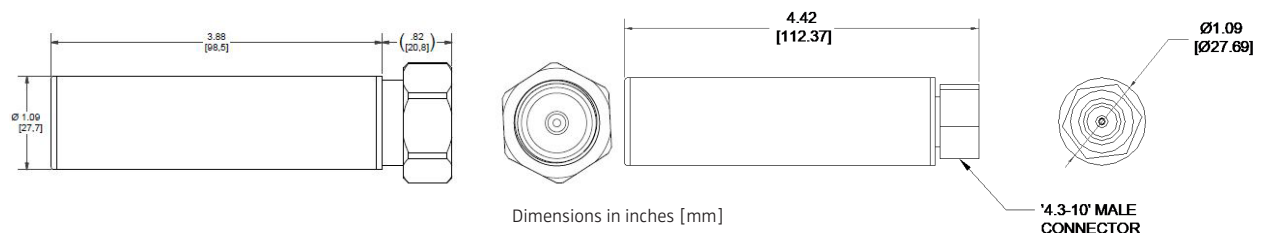


Microlab TK-200 Series Cable Loads are ideal for Small Cell wireless applications, when extremely low PIM, Passive Intermodulation, is required. A typical application is small cell radio combining solution. This cable load termination can be used with Microlab's 2x2, 3x3, and 4x4 hybrid combiners to provide superior low PIM performance.

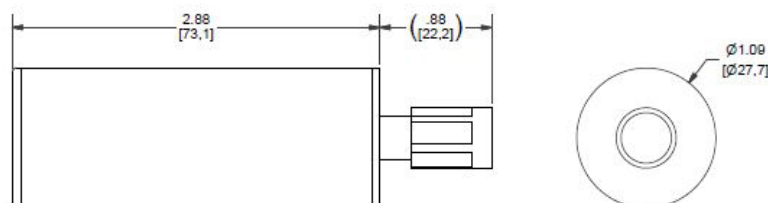
Units are black anodized for outdoor applications and meet 30 days **ASTM B117** Salt Fog Testing when used with a weather boot or connector wrap.

| Model No & Connector                                 |          |          |          |        | Power<br>Avg* | Frequency:<br>VSWR:<br>400-2700Mhz:<br>350-400 MHz:<br>PIM:<br><br>Peak Power:<br>Environment:<br>Surface Temp:<br>Impedance:<br>Housing Finish:<br>Connector:<br>Weight:<br><br>350 - 2700 MHz<br><br><1.20:1 max., 1.10:1 typ.<br>< 1.30:1 max., 1.20:1 typ.<br>-161 dBc (-124 dBm) min.<br>(Tested with 2 x1900MHz<br>tones at max. power)<br>5 kW peak<br>-35 to +55°C, IP67<br>+65°C max. per IEC 60950<br>50Ω nom.<br>Black anodized aluminum<br>Triplate finish<br>0.44lb.(199g) |
|------------------------------------------------------|----------|----------|----------|--------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.3-10                                               | 7-16     | NEX10™   | N-type   | Gender |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| TK-205ME                                             | TK-205MD | TK-205MT | TK-205MN | Male   | 5W            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| TK-205FE                                             |          |          |          | Female | 5W            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| TK-210ME                                             | TK-210MD | TK-210MT | TK-210MN | Male   | 10W           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| TK-210FE                                             |          |          |          | Female | 10W           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| *Derate Average Power by -1.5%/°C above 55°C ambient |          |          |          |        |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## TK-205/210 Outline



## TK-205/210MT Outline



Note: Specifications are subject to change without prior notification.

30JUL2019