

- ◆ Standard bandwidth for commercial applications up to 2.7GHz
- ◆ 5W, 10W, & 25W* Power Levels
- ◆ Guaranteed Low PIM
- ◆ Compact size for easy installation
- ◆ IP67 Rated
- ◆ RoHS compliant
- ◆ Available in 4.3-10, NEX10™, **2.2-5**, and N-type connectors



Microlab TK-200 Series cable loads are ideal for small cell wireless applications, when extremely low PIM performance is required. A typical application is terminating MIMO small cell radios. Designers can use this cable load 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 protection boot.

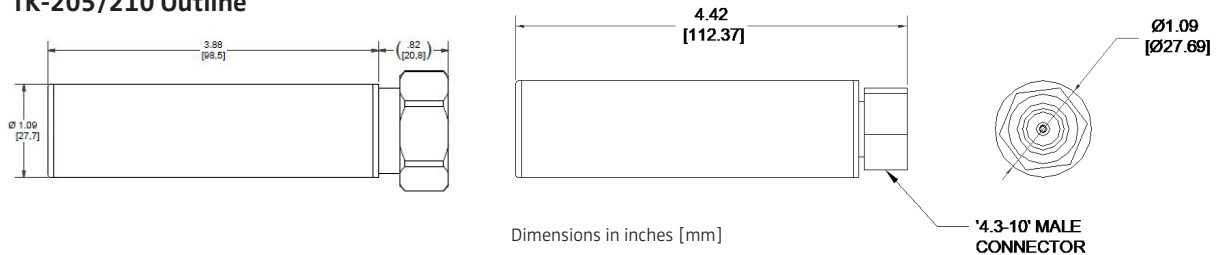
**see TK-225 series datasheet for details on 25W model*

4.3-10	2.2-5	NEX10	N-type	7/16 DIN	Gender	Power Avg*.
TK-205ME	TK-205MG	TK-205MT	TK-205MN	TK-205MD	Male	5 W
TK-210ME	TK-210MG	TK-210MT	TK-210MN	TK-210MD	Male	10 W
TK-205FE					Female	5 W
TK-210FE					Female	10 W
Termination with weather protection boot		TK-205BMT			Male	5 W
		TK-210BMT			Male	10 W

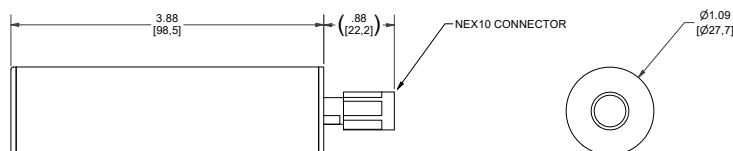
*Derate Average Power by -1.5%/°C above 55°C ambient

Frequency: 350 - 2700 MHz
 VSWR: 400-2700Mhz: <1.20:1 max., 1.10:1 typ.
 350-400 MHz: < 1.30:1 max., 1.20:1 typ.
 PIM: -161 dBc (-124 dBm) min. (Test with 2x tones at max. power @ ambient)
 Peak Power: 5 kW peak
 Environment: -35 to +55°C, IP67
 30 days Salt Fog ASTM-B117
 Surface Temp: +65°C max. per IEC 60950
 Impedance: 50Ω nom.
 Housing Finish: Black anodized aluminum
 Connector: Triplate finish
 Weight: 0.44lb.(199g)

TK-205/210 Outline



TK-205/210 NEX10 & 2.2-5 Outline



Note: Specifications are subject to change without prior notification.

11Nov2022