

- ◆ 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* Avg
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					

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.
(Tested with 2 x1900MHz tones at max. power)

Peak Power: 5 kW peak

Environment: -35 to +55°C, IP67

Surface Temp: +65°C max. per IEC 60950

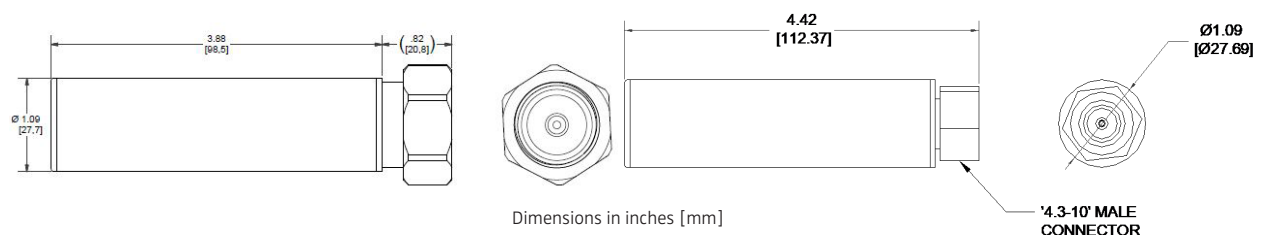
Impedance: 50Ω nom.

Housing Finish: Black anodized aluminum

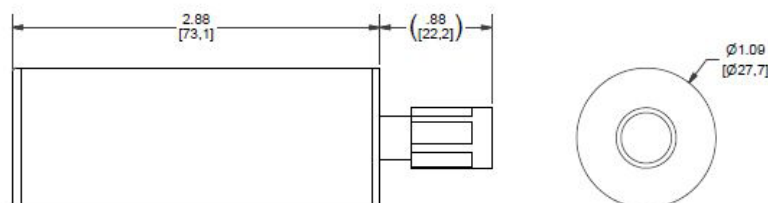
Connector: Triplate finish

Weight: 0.44lb.(199g)

TK-205/210 Outline



TK-205/210MT Outline



Note: Specifications are subject to change without prior notification.

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