

- ◆ Low PIM
- ◆ Small Cell Power Levels
- ◆ Low VSWR
- ◆ Convenient Size
- ◆ Intimate cable contact
- ◆ RoHS compliant
- ◆ Suitable for harsh outdoor environments



Microlab TKE-200 Series Cable Loads are ideal for Small Cell wireless applications, when 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 low PIM performance.

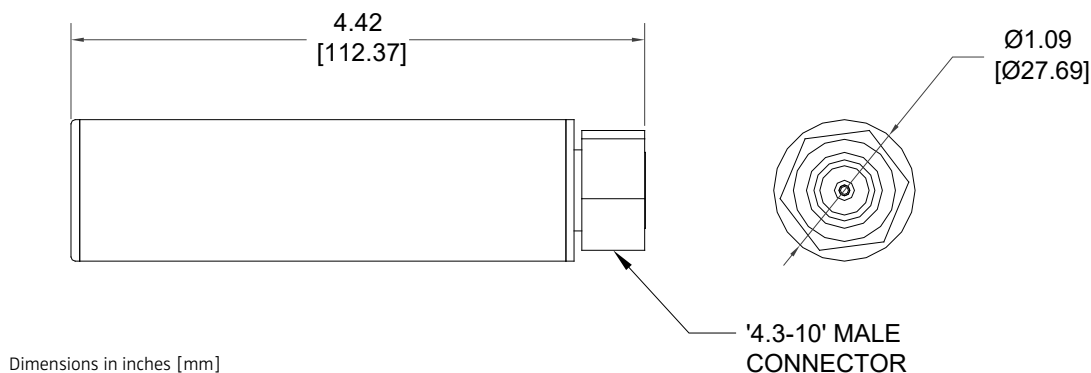
Units are black anodized for outdoor applications and meet 30 days ASTM B117 Salt Fog Testing when used with a weather boot or connector wrap.

Power* Avg CW	Model Number/Connector		Weight lb (g)	PIM† dBc(dBm)
	4.3-10(m)	7-16(m)		
5W	TKE-205ME	TKE-205MD	0.44 (199)	-149(-115)
10W	TKE-210ME	TKE-210MD	0.44 (199)	-152(-115)

\*Derate Average Power by -1.5%/°C above 55°C ambient.  
† 2 tones at product's maximum power.

Frequency:	400 - 2700 MHz
VSWR:	<1.20:1 min., 1.10:1 typ.
Peak Power:	5 kW peak
Environment:	-35 to +55°C ambient, IP67
Surface Temp:	+65°C max. per IEC 60950
Impedance:	50Ω nom.
Housing Finish:	Black anodized aluminum
Connector:	Triplate finish
Weight, nom:	0.44 lb., 199 g

### TKE-205 & TKE-210 Outline



Note: Specifications are subject to change without prior notification.

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