

- ◆ Very Low PIM
- ◆ 200W average Power
- ◆ Low VSWR
- ◆ Intimate cable contact
- ◆ RoHS compliant
- ◆ Mounting Brackets included

Connector	Model Numbers	
	Female	Male
N-type	TK-28FN	TK-28MN
7-16 DIN	TK-28FD	TK-28MD
4.3-10	TK-28FE	TK-28ME



Model TK-28FD

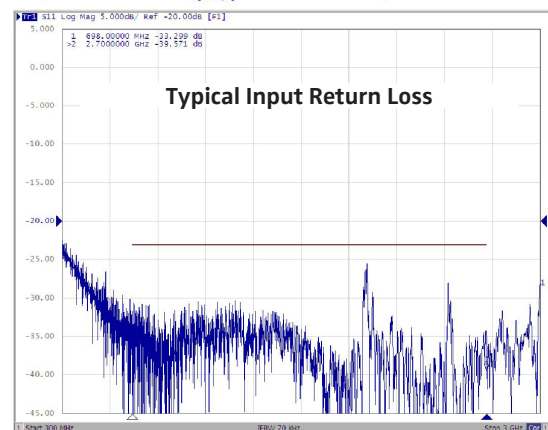
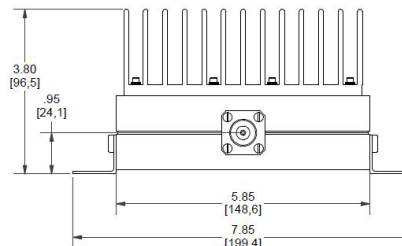
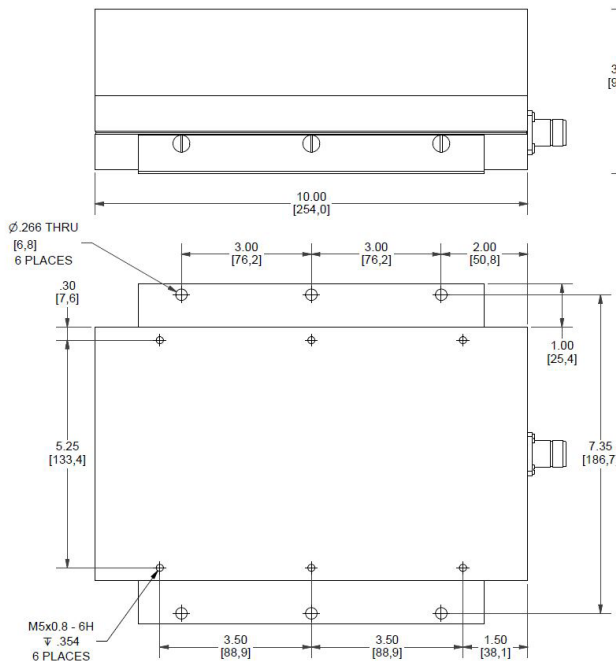


Microlab TK-28 series 200W Cable Loads are intended for wireless applications, when extremely low PIM, Passive Intermodulation, is required. A typical application is terminating the unused port of a Hybrid Coupler used to combine different wireless signals. A broad frequency range of 300 to 2700 MHz covers the majority of wireless applications requiring low PIM performance.

Air flow over the load is assumed, in order to meet the rated surface temperature.

Frequency:	300 - 2700 MHz
Return Loss:	<23 dB, 698-2700 MHz <20 dB, 300-698 MHz
PIM:	-161 dBc, tested with 2 x 20W tones at 25°C
Power Rating:	200 W CW avg., 5 kW peak
Environment:	-35 to +55°C ambient [†]
Impedance:	50Ω nom.
Housing Finish:	Black anodized aluminum
Weight:	12 lb., (5.4 kg.) nominal

[†] Operating surface temperature is not to exceed 100°C



Note: Specifications are subject to change without prior notification.

16NOV2015