

- ◆ Ultra wide bandwidth for C-band & LAA applications
- ◆ Guaranteed Low PIM
- ◆ 100W Rated
- ◆ Low VSWR over a wide bandwidth
- ◆ For indoor/outdoor applications
- ◆ IP67 and RoHS compliant
- ◆ 4.3-10 Connectors



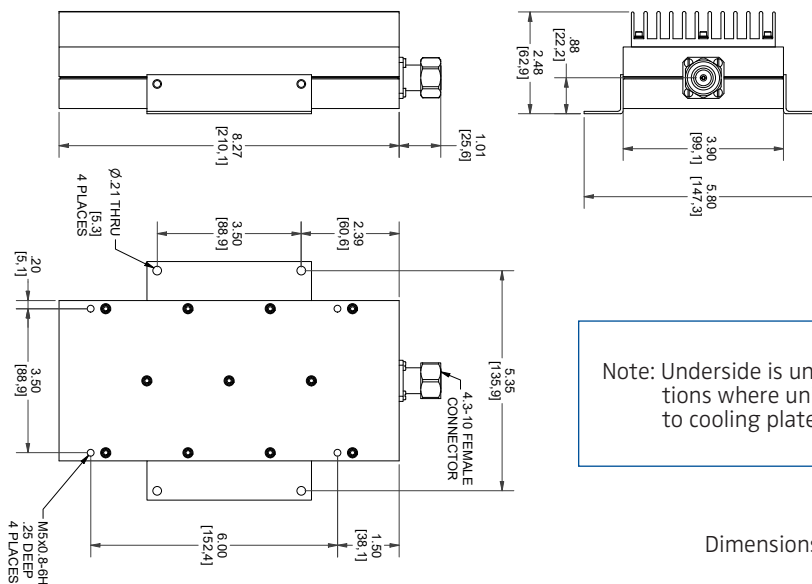
Microlab TK-6100ME cable loads are ultra-wide-band design for C-band and LAA applications, where extremely low passive intermodulation (PIM) termination is required. This termination can be used with Microlab's 2x2, 3x3, and 4x4 hybrid combiners to provide superior low PIM performance.

The Cable Termination is designed for a maximum of 100W average power dissipation. For IEC 60950 compliance (surface temperature no greater than 90°C) at full power at 55°C ambient, air flow over the fins is required.

Frequency:	350 - 5,925 MHz
VSWR:	
350 - 617 MHz:	1.20:1 typ, 1.25:1 max
617 - 2700 MHz:	1.10:1 typ., 1.15:1 max
2700 - 5925 MHz:	1.3:1 max
Power Rating†:	100W avg., 5 kW peak
PIM:	-161 dBc (-118 dBm) min. (Test with 2x +43dBm tones at 25°C)
Environment:	-35 to +55°C ambient, IP67
Surface Temp*:	+110°C max
Impedance:	50Ω nom.
Connector Finish:	4.3-10 (m), Triplate
Weight, nom:	5.55 lb., 2.50 Kg
Enclosure:	Black epoxy paint, brackets supplied

* Measured on heat sink fin, at full power into a unit that is mounted in a 2 RU and 19" box, all enclosed and without cooling, at 25°C external ambient temperature

† Derate Avg Power by -1.2%/°C above 55°C ambient



Note: Underside is unpainted for applications where unit is attached directly to cooling plate using tapped holes.

Dimensions in inches [mm]

Note: Specifications are subject to change without prior notification.

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