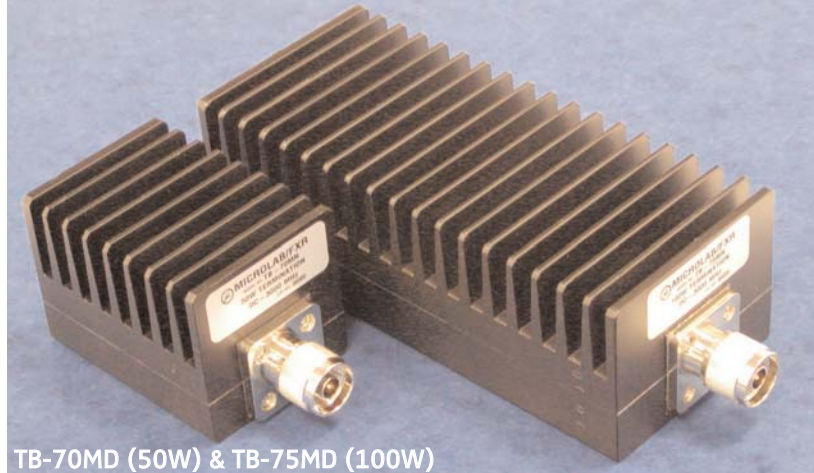


Proposal to Telefonica

- ◆ Resistive Film Load
- ◆ Finned Termination
- ◆ Powers 50W to 150W
- ◆ VSWR to 1.15:1
- ◆ High Peak Power
- ◆ RoHS compliant
- ◆ Designed for wireless applications



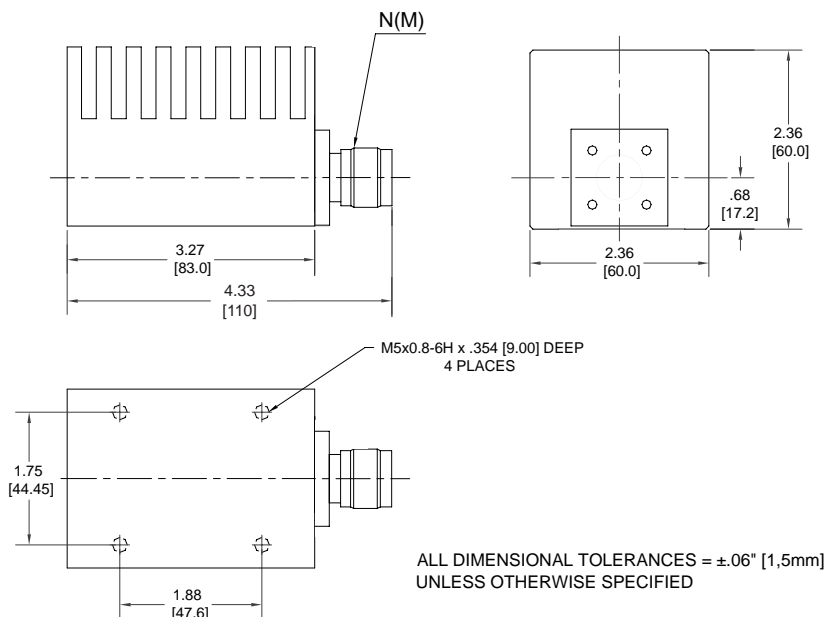
TB-70MD (50W) & TB-75MD (100W)

These terminations are based on Microlab TB series, high power coaxial loads, which operate from DC to up to 4.0 GHz. All have cooling fins help to minimize temperature rise of the resistive film terminating element, contained within a carefully matched coaxial housing. Standard connectors are N male. (12/10)

| Model Number | Connector | Connector Gender | Band GHz | Max. Power Avg. | Max. Power Peak | Operating Range ¹ , °C | Max. VSWR at 2 GHz | Max. VSWR at 4.0 GHz | Weight, N oz. (g) nom |
|--------------|-----------|------------------|----------|-----------------|-----------------|-----------------------------------|--------------------|----------------------|-----------------------|
| TB-G11 | N-type | male | DC-4.0 | 50W | 10kW | -10° to +50° | 1.15:1 | 1.25:1 | 21.3 (595) |
| TB-G12 | N-type | male | DC-4.0 | 100W | 10kW | -10° to +50° | 1.15:1 | 1.25:1 | 63.2 (1770) |
| TB-G13 | N-type | male | DC-4.0 | 150W | 10kW | -10° to +50° | 1.20:1 | 1.30:1 | 63.2 (1770) |

¹ Derate power by -1.5%/°C above 50°C Typical PIM is -125 dBc using 2 x 20W tones

TB-G11 (50W)



TB-G12 (100W) & TB-G13 (150W)
