Coaxial Loads, TA wireless

1W and 2W, Low Power Terminations
DC - 6 GHz, 50Ω
Rev. K

- Wideband resistive film loads designed for wireless applications
- Average 1 & 2 W rated loads
- Low VSWR
- Stable performance over wide operating temperature range
- Available with N-type, 7/16 DIN & SMA
- RoHS compliant

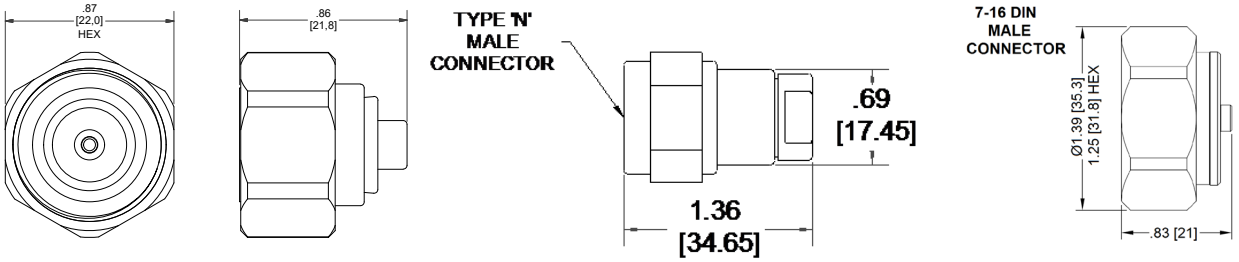
Microlab TA series terminations are low power coaxial loads, which operate from DC to up to 6 GHz. It has been designed with a resistive film terminating element, contained within a carefully matched coaxial housing. Variants are available with N-type and 7/16 DIN male connector interfaces.

Impedance:	50Ω nominal
Environment:	-10 to +50°C*
Housing	Passivated Aluminum
Connectors:	Triplate SMA Gold plated

*Derate power by -1.5%/°C above 50°C

Model No.	Connector (male)	Frequency (GHz)	Power Avg.	Power Peak	Environment	VSWR @ 2GHz	VSWR @ max.	Length in [mm]	Weight oz. (g) nom.
TA-1MF	SMA	DC-6.0	1 W	1 kW	Indoor	<1.15:1	<1.27:1	0.5 [13]	0.2 (6)
TA-2MHE	4.3-10	DC-4.0	2 W	2 kW	IP65		<1.25:1	0.8 [20]	1.0 (29)
		4.0-6.0					<1.40:1		
TA-2MN	N-type	DC-3.0			Indoor		<1.15:1	1.4 [36]	1.7 (47)
TA-2MD	7/16 DIN	DC-3.0			IP67		<1.25:1	0.8 [20]	4.0 (113)
		3.0-4.0					<1.40:1		
		4.0-6.0					<1.70:1		

Mechanical Outline



TA-2MHE TA-2MN TA-2MD

Dimension in inches [mm]

Note: Specifications are subject to change without prior notification.

29OCT2021

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