

- ◆ Very Low PIM Load
- ◆ Convenient Size
- ◆ Powers to 50W
- ◆ Low VSWR
- ◆ IP67 and RoHS compliant
- ◆ Dual Port Access (m & f)
- ◆ For outdoor applications
- ◆ 7-16 mm DIN connectors



Model	Connectors	Frequency*
TK-25FMD	7-16 (m) & (f)	800 - 2170 MHz
TK-25MD	7-16 (m)	698 - 2170 MHz

\*Available to 2700 MHz as special

Microlab TK-25 series Cable Loads are intended for portable wireless applications, when extremely low PIM, Passive Intermodulation, is required. A typical application is to terminate a signal line being tested for PIM performance.

The TK-25MD provides a DIN (m) connector and (f)-(f) adaptor. For convenience, in the TK-25FMD access is provided to both ends of the cable load with a male and female 7-16 mm DIN connector. Only one port should be used at a time.

The Cable Termination is designed for a maximum of 50W average power dissipation without using a finned heat sink. (03/11)

VSWR:	1.10:1 typ., 1.15:1 max
PIM:	-165 dBc typ; <-160 dBc with 2 x 20W tones at 25°C
Power Rating:	50W avg., 5 kW peak Derate -1.2%/°C above 55°C
Environment:	-35 to +55°C ambient, IP67
RoHS:	Compliant
Surface Temp:	+90°C max. (per IEC 60950)
Impedance:	50Ω nom.
Housing Finish:	Black paint on aluminum
Connector Finish:	Triplate
Dimensions, nom:	8.25 x 3.9 x 1.5 inches (body only) (210 x 99 x 38 mm)
Weight:	5.1 lb. (2.3 kg)

