

- ◆ Very Low PIM
- ◆ 10W average power
- ◆ Low VSWR
- ◆ Convenient Size
- ◆ Intimate cable contact
- ◆ IP67 and RoHS compliant
- ◆ For indoor/outdoor applications
- ◆ 7-16, 4.1-9.5, N & SMA connectors



Model Number <sup>†</sup>	Connector Type
TK-21FF	SMA (f)
TK-21MF	SMA (m)
TK-21FN	N (f)
TK-21MN	N (m)
TK-21FD	7-16 (f)
TK-21MD	7-16 (m)
TK-21FC*	4.1-9.5(f)
TK-21MC*	4.1-9.5(m)

<sup>†</sup>Add P to model number for painted model, e.g. TK-21MCP.  
\*Mini-DIN connectors

Microlab TK-21 Cable Loads are intended for wireless applications, when extremely low PIM, Passive Intermodulation, is required. A typical application is in terminating the unused ports in a test set up, when measuring system PIM. The Cable Terminations for 10W assumes an ambient temperature up to +55°C. Mounting clips included with load.

Units can be painted for outdoor application by adding P to model number. (11/14)

Frequency: 698 - 2700 MHz  
 Power Rating: 10W avg. 5 kW peak  
 Derate -1.2%/°C above 55°C ambient  
 VSWR: <1.20:1 min., 1.10:1 typ.  
 PIM: -175 dBc typ; <-160 dBc, with 2 1900 MHz 5W tones at 25°C  
 Power Rating: 5 kW peak  
 Environment: -35 to +55°C ambient, IP67  
 Surface Temp: +65°C max. per IEC 60950  
 Impedance: 50Ω nom.  
 Housing Finish: Passivated Al, 2 clips supplied  
 Black Paint optional (add P to model no.)  
 Connector: Triplate  
 Weight, nom: 0.35 lb., 160 g

### TK-21MN (10W)

