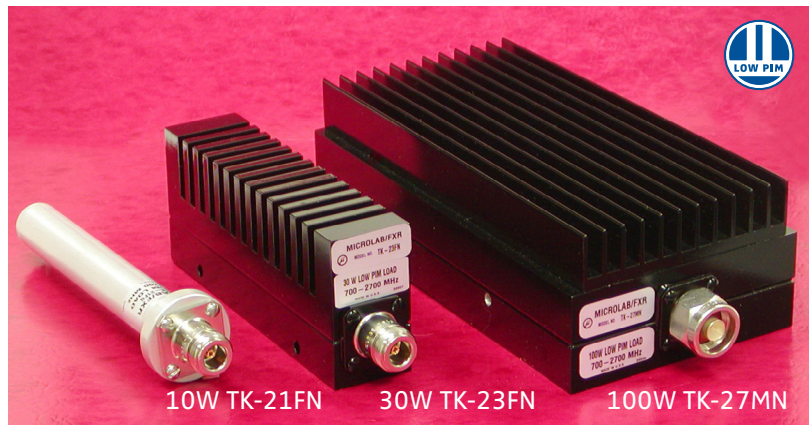


- ◆ Very Low specified PIM
- ◆ Up to 100W avg. Power
- ◆ Low VSWR
- ◆ Convenient Packages
- ◆ Intimate cable contact
- ◆ RoHS Compliant



Microlab TK-20 series Low PIM Cable Loads cover from 10 to 100W average power. They are intended for wireless applications, when extremely low PIM, Passive Intermodulation, is required. A typical application is in terminating the unused port of a Hybrid Coupler used to combine different wireless signals. These are also offered as a discrete products in the CT series.

The Cable Terminations for 30W and higher require a finned heat sink and black painted finish to dissipate the heat, similar to that found on resistive loads. All powers assume an ambient temperature up to +55°C. (07/14)

Frequency: 400 - 2700 MHz - TK-27 series  
698 - 2700 MHz - TK-21/23/25/28 series  
PIM: -165 dBc typ; <-160 dBc, with 2  
1900 MHz 20W tones at 25°C (less if limited)  
Environment: -35 to +55°C ambient, IEC 60950



Power* Rating	Model Number and Connector - See individual Data Sheets for full details								Notes
	SMA(f)	SMA(m)	N(f)	N(m)	7-16(f)	7-16(m)	*4.1-9.5(f)	*4.1-9.5(m)	
10W avg.	TK-21FF <sup>†</sup>	TK-21MF <sup>†</sup>	TK-21FN	TK-21MN	TK-21FD <sup>†</sup>	TK-21MD <sup>†</sup>	TK-21FC	TK-21MC	Outdoor Model Available
30W avg.	-	-	TK-23FN	TK-23MN	TK-23FD	TK-23MD	TK-23FC	TK-23MC	
50W avg.	-	-	-	-	TK-25FD	TK-25MD	TK-25FC	TK-25MC	Portable Design
100W avg.	TK-27FF	-	TK-27FN	TK-27MN	TK-27FD	TK-27MD	TK-27FC	TK-27MC	

‡ Derate Average Power by -1.2%/°C above 55°C ambient    †SMA, 7-16 versions made to order    \*Mini-DIN Connectors