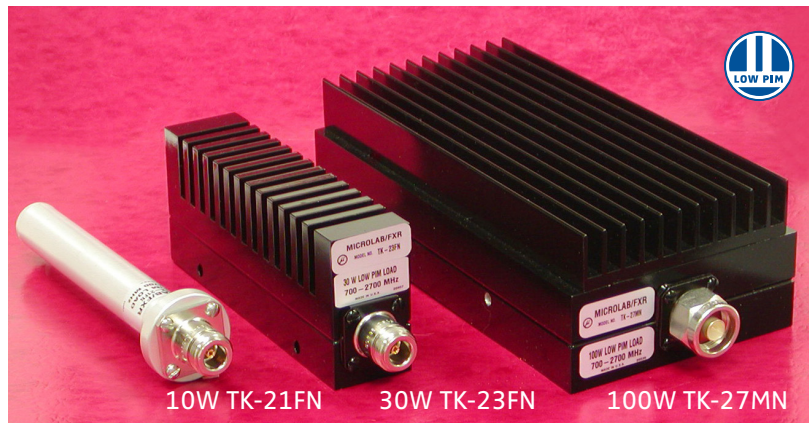


- ◆ -161 dBc specified PIM
- ◆ Up to 200W avg. Power
- ◆ Low VSWR
- ◆ Convenient Packages
- ◆ Intimate cable contact
- ◆ RoHS Compliant



Microlab TK-20 series Low PIM Cable Loads cover from 10 to 200W 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.

Frequency: 400 - 2700 MHz - TK-21/23/25/27 series
300 - 2700 MHz - TK-28 series
PIM: -161 dBc tested with 2 x 20W tones at 25°C
(less if limited)
Environment: -35 to +55°C ambient, IEC 60950



Power*	Model Number and Connector - See individual Data Sheets for full details									
Rating	SMA(f)	SMA(m)	N(f)	N(m)	7-16(f)	7-16(m)	†4.1-9.5(f)	†4.1-9.5(m)	4.3-10(f)	4.3-10(m)
10W avg.	TK-21FF‡	TK-21MF‡	TK-21FN‡	TK-21MN‡	TK-21FD‡	TK-21MD‡	TK-21FC‡	TK-21MC‡	TK-21FE‡	TK-21ME‡
30W avg.	-	-	TK-23FN	TK-23MN	TK-23FD	TK-23MD	TK-23FC	TK-23MC	TK-23FE	TK-23ME
60W avg.	-	-	-	-	TK-25FD§	TK-25MD§	TK-25FC§	TK-25MC§	TK-25FE§	TK-25ME§
100W avg.	TK-27FF	-	TK-27FN	TK-27MN	TK-27FD	TK-27MD	TK-27FC	TK-27MC	TK-27FE	TK-27ME
200W avg.	-	-	TK-28FN	TK-28MN	TK-28FD	TK-28MD	-	-	TK-28FE	TK-28ME

*Derate Average Power by -1.2%/°C above 55°C ambient †Mini-DIN Connector ‡Outdoor Model Available §Portable Design

Note: Specifications are subject to change without prior notification.

06MAY2016