

PIL-0005 SERIES

LOW PASSIVE INTERMODULATION (PIM) LOAD

FEATURES

- Low Passive Intermodulation (PIM)
- Dual gender 7-16 DIN
- Consistent PIM level over wide frequency range
- Used for accurate PIM measurement
- Rugged and light weight design
- Reversible End Cap for personal protection
- Dust covers for prolonged life
- Coupling ring for lanyard attachment



TECHNICAL SPECIFICATIONS

SYSTEM	
CAUTION: The Kaelus PIL-0005 absorbs high level RF signals and may become hot during normal operation. The PIL-0005 will fail and the warranty will be void if operated beyond the RF Power Rating listed above. The RF power rating of the load for continuous use is 10W.	
Frequency range	600MHz - 3500MHz
RF impedance	50ohms
Return loss	16dB minimum
Passive intermodulation	< -117dBm (2 x 43dBm carriers - Pulsed Power)
RF power rating	10W average*
Connector	Dual Gender 7-16 DIN Female and 7-16 DIN Male
Mating torque	25 Nm with wrench supporting connector flange
Note * The PIL-0005 can be used with our iPA D-series. It can handle 2 x 40W pulsed carriers with 10% duty cycle.	
MECHANICAL	
Weight	0.6kg 1.3lbs (approximate)
Dimensions (L x D)	185 x 45mm 7.3 x 1.8in (approximate)
ENVIRONMENTAL	
Temperature range	-10°C to +50°C +14°F to +122°F (operational)