

PIL-0006

LOW PASSIVE INTERMODULATION (PIM) LOAD

FEATURES

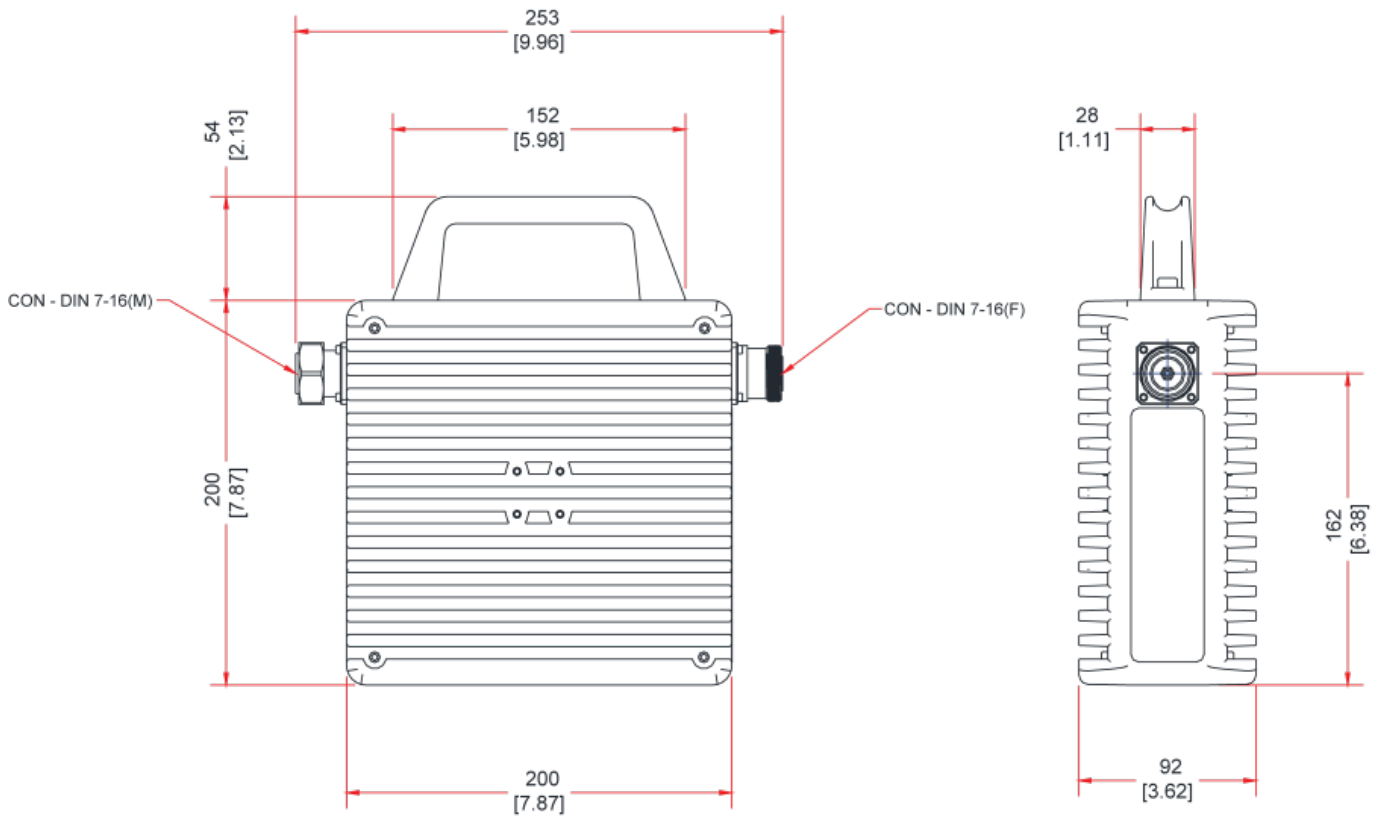
- Low Passive Intermodulation (PIM)
- Dual gender 7-16 DIN or 4.3-10
- Consistent PIM level over wide frequency range
- Used for accurate PIM measurement
- Rugged and light weight design
- Reversible End Cap for personal protection
- Dust covers for prolonged life
- Coupling ring for lanyard attachment



TECHNICAL SPECIFICATIONS

SYSTEM		
CAUTION: The Kaelus PIL-0006 absorbs high-level RF signals and may become warm during normal operation. To exceed the maximum RF power rating may damage the device and will void the warranty.		
Frequency range	610MHz - 4000MHz	
RF impedance	50ohms	
Return loss	17.6dB minimum	
Passive intermodulation	2 x 43dBm carriers, -123dBm maximum, -130dBm typical 2 x 46dBm carriers, -118dBm maximum, -122dBm typical	
RF power rating	100W average	
MECHANICAL		
Part Number	PIL-0006A	PIL-0006B
Connector	Dual Gender 7-16 DIN Female and 7-16 DIN Male	Dual Gender 4.3-10 Female and 4.3-10 Male
Mating torque	25 Nm with wrench supporting connector flange	5 Nm with wrench supporting connector flange
Weight	8.0kg 17.6lbs	
Dimensions (L x D)	200 x 200 x 92 mm 7.8 x 7.8 X 3.6 in	
ENVIRONMENTAL		
Temperature range	-10°C to +50°C +14°F to +122°F (operational)	

MECHANICAL BLOCK DIAGRAM



ORDERING INFORMATION

PART NUMBER	DESCRIPTION
PIL-0006A	Low Passive Intermodulation (PIM) Load - 7-16 Connectors
PIL-0006B	Low Passive Intermodulation (PIM) Load - 4.3-10 Connectors