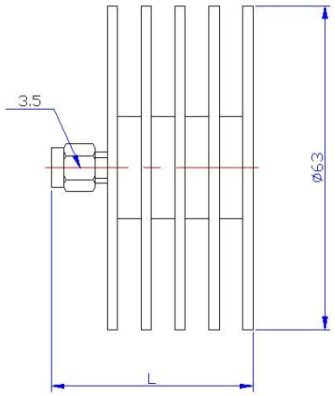
Coaxial fixed terminations absorb RF& microwave energy and are commonly used as dummy loads of antenna and transmitter. They are also used as match ports in many multiport microwave device such as circulator and directional coupler to make these ports which are not involved in the measurement be terminated in their characteristic impedance in order to ensure an accurate measurement.

3.5mm serial high power coaxial fixed termination's average power 2W-10KW, frequency range dc-40GHz and feature wide frequency band, low VSWR, excellent capacity in anti-pulse and anti-burnout.



MECHANICAL SPECIFICATIONS		
Connectors	Brass Gold Plated	
Male Pin	Brass Gold Plated	
Female Pin	Beryllium Copper Gold Plated	
Housing	Aluminum, Black Anodize	
Temp Range	-55° C ~ +85° C	
Dimensions	Ø63×Lmm	M: L=39.8
		F: L=39
Weight	110g	

RoHS Compliant: Yes

ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range(GHz)	Max VSWR
ST39XA-50-25W-18	DC-18	1.15
ST39XA-50-25W-26	DC-26.5	1.25

Note: X refer to connector Gender, 1 means Male, 2 means Female

NOMINAL IMPEDANCE: 50Ω

AVERAGE POWER: 25W average to 25°C ambient temperature, derated linearly to 2W @ 125°C

PEAK POWER: 0.5KW (5μs pulse width with 5% duty cycle)

CONNECTOR TYPE: 3.5mm

Notes:

1. Dimensions Tolerance ±5%
2. Custom designs available