

RF Termination Load

- ✓ Optional Power: 1W-10KW
- ✓ Optional frequency range: DC-50GHz
- ✓ Low standing wave coefficient
- ✓ Anti-pulse strong anti-burnout ability
- ✓ High reliability and good repeatability



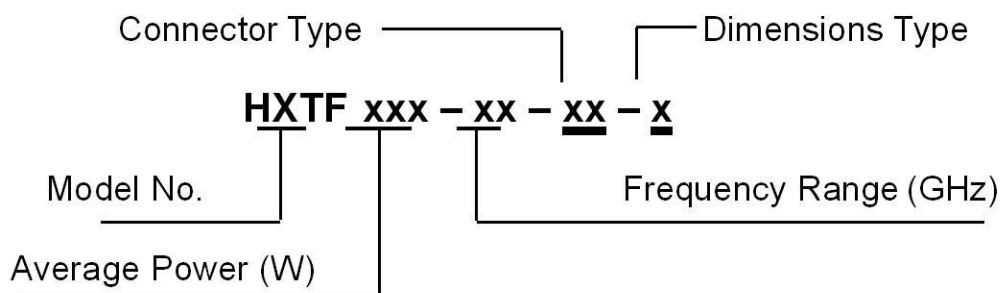
Description

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 multi-port microwave device such as circulators and directional couplers to make these ports which are not involved in the measurement be terminated in their characteristic impedance in order to ensure an accurate measurement.

HXTF serial coaxial fixed termination feature wide frequency band, low VSWR, excellent capacity in anti-pulse and anti-burnout.

In this section, you can find the coaxial terminations with individual data sheets containing product description, specifications and outline drawings by a quick reference guide.

Order Information



Please confirm with us the main parameters of terminations such as average power, frequency range, connector type and dimensions Type (if have any), or your special demand.

25W Termination Load

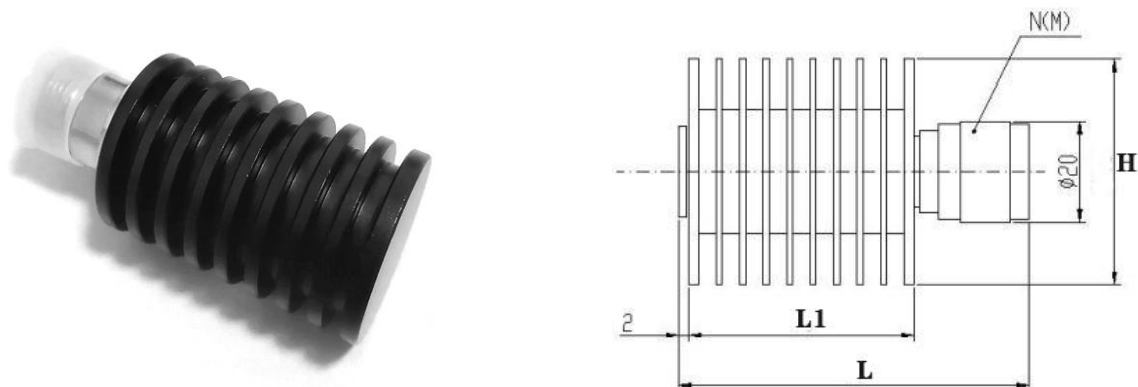
Technology Manual

1. Design Features

- ◆ HXTF25G Series Termination Load Frequency DC-18GHz optional◆UWB operating frequency
- ◆ Low standing wave coefficient ◆ Good repeatability
- ◆ Strong anti-pulse ability

2. Description :

Model Number	Freq. Range	Average Power	Connector Type(Optional)	VSWR Max
HXTF25G-3-N	DC-3GHz	25W	N/SMA/TNC	1.15
HXTF25G-6-N	DC-6GHz			1.25
HXTF25G-8-N	DC-8GHz			1.25
HXTF25G-12.4-N	DC-12.4GHz			1.30
HXTF25G-18-N	DC-18GHz			1.40
Impedance: 50 Ω				
Temperature Range: -55°C~+125°C				
★:Average power: 25W corresponds to an ambient temperature of 25°C, when the temperature rises to 125°C, the power decreases linearly to 2.5W				
★:Peak power: 1KW (5μs pulse width, 2.5% duty cycle)				
Mechanical behavior				
Connector shell	Nickel plated brass			
Cavity	Aluminum housing			
Size	A:L68*L146*H38mm	B:L70*L145*H45mm	C: L95*L172*H45mm	
Weight	A:110g	B:145g	C: 210g	



Remind:

- 1,Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±5%)
- 2,Shape A or B/C type customers can choose, if not specified, it will be random

25W Termination Load

Technology Manual

1. Design Features

- ◆ HXTF25 Series Termination Load Frequency DC-26.5GHz optional◆UWB operating frequency
- ◆ Low standing wave coefficient ◆ Good repeatability
- ◆ Strong anti-pulse ability

2. Description :

Model Number	Freq. Range	Average Power	Connector Type	VSWR Max
HXTF25-6-SMA	DC-6GHz	25W	SMA (M)	1.25
HXTF25-8-SMA	DC-8GHz			1.3
HXTF25-12.4-SMA	DC-12.4GHz			1.35
HXTF25-18-SMA	DC-18GHz			1.45
HXTF25-26.5-SMA	DC-26.5GHz		SMA (M, F)	1.30
Impedance: 50 Ω				
Temperature Range: -55℃~+125℃				
★:Average power: 25W corresponds to an ambient temperature of 25℃, when the temperature rises to 125℃, the power decreases linearly to 2W				
★:Peak power: 0.5KW (5μs pulse width, 5% duty cycle)				
Mechanical behavior				
Connector shell	Nickel plated brass			
Cavity	Aluminum shell black paint			
Size	φ 23*52mm(DC-18GHz)		M: φ 63*38.3mm(DC-26.5GHz) F: φ 63*37.3mm(DC-26.5GHz)	
Weight	40g(DC-18GHz)		130g(DC-26.5GHz)	



Remind:

1,Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±5%)