

80W Coaxial Attenuator

Technology Manual

1. Design Features

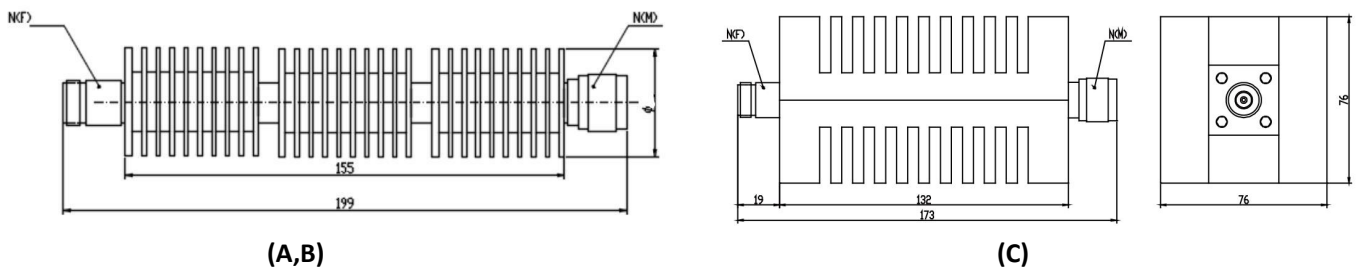
- ◆ HXTS80 series attenuator Frequency DC-10GHz optional◆UWB operating frequency
- ◆ Low standing wave coefficient ◆ High attenuation value accuracy
- ◆ Strong anti-pulse ability

2. Description :

Model Number	Freq. Range	Attenuation Value/Tolerance						VSWR Max
		3dB	6dB	10dB	20dB	30dB	40dB	
HXTS80-XX-2.5-X	DC-2.5GHz	±0.4	±0.4	±0.3	±0.3	±0.3	±0.3	1.15
HXTS80-XX-4-X	DC-4GHz	±0.6	±0.6	±0.5	±0.5	±0.4	±0.4	1.2
HXTS80-XX-6-X	DC-6GHz	±0.8	±0.8	±0.75	±0.75	±0.6	±0.6	1.3
HXTS80-XX-8-X	DC-8GHz	/	/	±1	±0.75	±0.7	±0.7	1.35
HXTS80-XX-10-X	DC-10GHz	/	/	/	/	±0.8	±0.8	1.4
HXTS80-XX-12.4-X	DC-12.4GHz	/	/	-0.8/+1.5	-0.7/1.2	±1.5	±1.5	1.4
HXTS80-XX-18-X	DC-18GHz	/	/	-1/+2	±2.0	-1/+2	-1/+2	1.4
Average Power: 80W								
Connector Type: N(F.M)								
Impedance: 50 Ω								
Temperature Range: -55℃~+125℃								
★:XX:indicates the attenuation value X: Represents appearance (A,B,C)								
★:Average power: 80W corresponds to an ambient temperature of 25℃, when the temperature rises to 125℃, the power decreases linearly to 8W								
★:Peak power: 1KW (5μs pulse width, 1% duty cycle)								

3. size:

A: φ 38*199mm	B: φ 45*199mm	C: 173*76*76 (F: ≤DC-10GHz)
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Remind:Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±4%)