

FIXED 30 dB ATTENUATOR

DC TO 12 GHz

ATTEN-30

KEY FEATURES

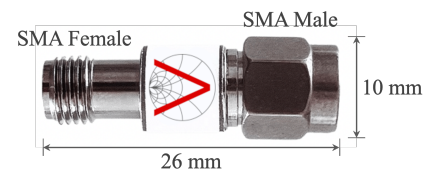
- Economical fixed SMA attenuator
- Consistent broadband performance from DC to 12 GHz (usable up to 20 GHz)
- Typical measurements up to 20 GHz available in .s2p format
- Very low VSWR across the operating region
- Within 0.6 dB of the specified attenuation level up to 12 GHz
- Each attenuator has been individually hand-tested in the USA on a calibrated VNA prior to sale



ATTEN-30

DESIGN SPECIFICATIONS

- Connector: SMA Female to SMA Male
- Standard Operating Frequency: DC to 12 GHz
- Impedance: 50 Ω



PERFORMANCE SPECIFICATIONS

Parameter	Frequency	Min.	Typ.	Max.	Unit
Attenuation	DC - 4 GHz	29.5	30.0	30.5	dB
	4 GHz - 8 GHz	29.5	30.0	30.5	
	8 GHz - 12 GHz	29.4	30.0	30.6	
VSWR	DC - 4 GHz	–	1.02	1.2	:1
	4 GHz - 8 GHz	–	1.05	1.2	
	8 GHz - 12 GHz	–	1.05	1.2	
Input Power	DC - 12 GHz	–	–	1	W
Operating Temperature	DC - 12 GHz	-40	–	80	$^{\circ}$ C

