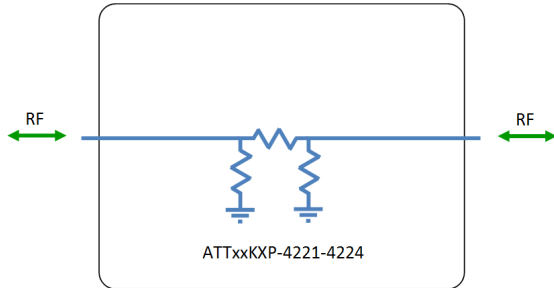




Wideband Attenuator



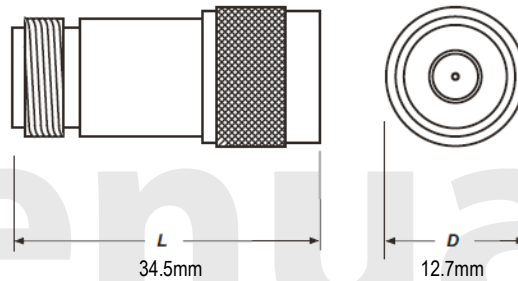
Available with:

- 3, 5, 6, 10, 15 & 20db Attenuation

Available with male/female RF connector options:

- 50 Ω SMA
- 50 Ω N-type
- 50 Ω BNC
- 75 Ω BNC
- 75 Ω F-type.

FEMALE CONNECTOR MALE CONNECTOR



Attenuator

RF Parameters			
ATT03CXP-4223-xxxx		B7B8	B5B4
Frequency Range		DC—4 GHz	DC—4 GHz
RF Connectors		75Ω BNC Female/Male	50Ω BNC Female/Male
Attenuation		3 ±0.3 dB	3 ±0.3 dB
I/P O/P Return loss	DC to 1 GHz	25 dB min	19 dB min
	1 to 2 GHz	20 dB min	
	2 to 4 GHz	16 dB min	
Size & Dimensions		L 34.5 mm D 12.7 mm	

RF Parameters			
ATT05CXP-4223-xxxx		B7B8	B5B4
Frequency Range		DC—4 GHz	DC—4 GHz
RF Connectors		75Ω BNC Female/Male	50Ω BNC Female/Male
Attenuation		5 ±0.3 dB	5 ±0.3 dB
I/P O/P Return loss	DC to 1 GHz	25 dB min	19 dB min
	1 to 2 GHz	20 dB min	
	2 to 4 GHz	16 dB min	
Size & Dimensions		L 34.5 mm D 12.7 mm	

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport





Technical specifications and operating parameters

RF Parameters			
ATT06CXP-4223-xxxx		B7B8	B5B4
Frequency Range		DC—4 GHz	DC—4 GHz
RF Connectors		75Ω BNC Female/Male	50Ω BNC Female/Male
Attenuation		6 ±0.5 dB	6 ±0.5 dB
I/P O/P Return loss	DC to 1 GHz	25 dB min	19 dB min
	1 to 2 GHz	20 dB min	
	2 to 4 GHz	16 dB min	
Size & Dimensions		L 34.5 mm D 12.7 mm	

RF Parameters			
ATT10CXP-4223-xxxx		B7B8	B5B4
Frequency Range		DC—4 GHz	DC—4 GHz
RF Connectors		75Ω BNC Female/Male	50Ω BNC Female/Male
Attenuation		10 ±0.5 dB	10 ±0.5 dB
I/P O/P Return loss	DC to 1 GHz	25 dB min	19 dB min
	1 to 2 GHz	20 dB min	
	2 to 4 GHz	16 dB min	
Size & Dimensions		L 34.5 mm D 12.7 mm	

RF Parameters			
ATT15CXP-4223-xxxx		B7B8	B5B4
Frequency Range		DC—4 GHz	DC—4 GHz
RF Connectors		75Ω BNC Female/Male	50Ω BNC Female/Male
Attenuation		15 ±0.5 dB	15 ±0.5 dB
I/P O/P Return loss	DC to 1 GHz	25 dB min	19 dB min
	1 to 2 GHz	20 dB min	
	2 to 4 GHz	16 dB min	
Size & Dimensions		L 34.5 mm D 12.7 mm	

RF Parameters			
ATT20CXP-4223-xxxx		B7B8	B5B4
Frequency Range		DC—4 GHz	DC—4 GHz
RF Connectors		75Ω BNC Female/Male	50Ω BNC Female/Male
Attenuation		20 ±0.5 dB	20 ±0.5 dB
I/P O/P Return loss	DC to 1 GHz	25 dB min	19 dB min
	1 to 2 GHz	20 dB min	
	2 to 4 GHz	16 dB min	
Size & Dimensions		L 34.5 mm D 12.7 mm	

Environmental	
Operating Temperature	-65°C to +125°C
Storage Temperature	-65°C to +125°C
Location	Indoor use Only
Humidity	85% non-condensing
Altitude	10,000 feet

Max Operating Parameters	
Input RF Power	+33 dBm (2W)
DC Voltage	35V on any RF port

! Operation beyond these limits may cause instantaneous and permanent damage.

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.
Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

