

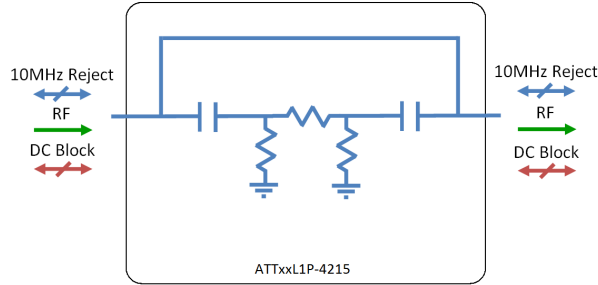


Model Number:  
**ATTxxL1P-4215**

RF Components

# L-Band Attenuator

## 850-2150MHz



- Tubular Attenuators
- Available with 3, 6, 10, or 20dB attenuation.
- 10 MHz & DC blocked.

Available with RF connector options:

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



**850-2150 MHz**  
Operating frequency range. L-Band ready



**Compact**  
Housed in rugged compact enclosure

# Attenuator

RF Parameters					
ATT03L1P-4215-xxxx	S5S5	N5N5	B5B5	B7B7	F7F7
Frequency Range	850 - 2150 MHz				
RF Connectors	50Ω SMA	50Ω N-Type	50Ω BNC	75Ω BNC	75Ω F-Type
Attenuation (dB)	3 ± 0.5	3 ± 0.5	3 ± 0.5	3 ± 0.8	3 ± 0.8
Flatness ± (dB)	0.5	0.5	0.5	0.5	0.5
Input Return Loss (dB)	Typ	18	18	16	12
	Min	14	14	12	8
Output Return Loss (dB)	Typ	18	18	16	12
	Min	14	14	12	8
RF Parameters					
ATT06L1P-4215-xxxx	S5S5	N5N5	B5B5	B7B7	F7F7
Frequency Range	850 - 2150 MHz				
RF Connectors	50Ω SMA	50Ω N-Type	50Ω BNC	75Ω BNC	75Ω F-Type
Attenuation (dB)	6 ± 0.5	6 ± 0.5	6 ± 0.5	6 ± 0.8	6 ± 0.8
Flatness ± (dB)	0.5	0.5	0.5	0.5	0.5
Input Return Loss (dB)	Typ	18	18	16	12
	Min	14	14	12	8
Output Return Loss (dB)	Typ	18	18	16	12
	Min	14	14	12	8

### Broadcast



### Marine Oil & Gas



### SNG & VSAT



### Satellite Teleport



RF Parameters						
ATT10L1P-4215-xxxx	S5S5	N5N5	B5B5	B7B7	F7F7	
Frequency Range	850 - 2150 MHz					
RF Connectors	50Ω SMA	50Ω N-Type	50Ω BNC	75Ω BNC	75Ω F-Type	
Attenuation (dB)	10 ± 0.8	10 ± 0.8	10 ± 0.8	10 ± 1.3	10 ± 1.3	
Flatness ± (dB)	0.5	0.5	0.5	0.5	0.5	
Input Return Loss (dB)	Typ	18	18	16	12	12
	Min	14	14	12	8	8
Output Return Loss (dB)	Typ	18	18	16	12	12
	Min	14	14	12	8	8

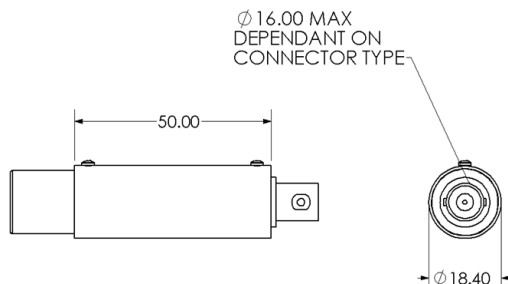
RF Parameters						
ATT20L1P-4215-xxxx	S5S5	N5N5	B5B5	B7B7	F7F7	
Frequency Range	850 - 2150 MHz					
RF Connectors	50Ω SMA	50Ω N-Type	50Ω BNC	75Ω BNC	75Ω F-Type	
Attenuation (dB)	20 ± 0.8	20 ± 0.8	20 ± 0.8	20 ± 1.3	20 ± 1.3	
Flatness ± (dB)	0.5	0.5	0.5	0.5	0.5	
Input Return Loss (dB)	Typ	18	18	16	12	12
	Min	14	14	12	8	8
Output Return Loss (dB)	Typ	18	18	16	12	12
	Min	14	14	12	8	8

**Technical specifications and operating parameters**

Environmental		
Operating Temperature	0°C to +45°C	
Storage Temperature	-20°C to +75°C	
Location	Indoor use Only	
Humidity	Max	85% non-condensing
Altitude	Max	10,000 feet

Max Operating Parameters	
Input RF Power	+21 dBm (125mW)
DC Voltage	35V on any RF port

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



**Physical Dimensions (mm)**

Note: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved specification accuracy.