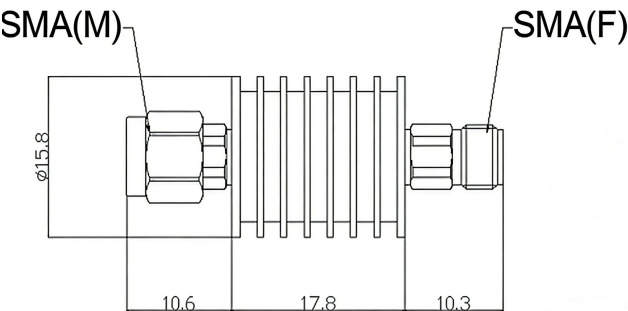


Model: LT-AXX-SMA-18G-5W  
Coaxial Fixed Attenuator  
SMA Male to Female/ DC-18GHz  
sales@lauftex.ru | lauftex.ru



LT-AXX-SMA-18G-5W is a 1-10/20/30 dB coaxial attenuator that is used in millimeterwave systems and operates from DC to 18 GHz.

Outline Drawing:

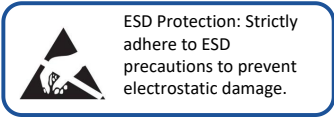


Features:

- Operating Frequency DC to 18GHz
- Broadband Coverage
- Lost Cost

Applications:

- Test Lab
- Instrumentations
- System Integration



Electrical Characteristics:

| Parameter         | Min                                                                        | Typ             | Max | Units |
|-------------------|----------------------------------------------------------------------------|-----------------|-----|-------|
| Frequency Range   | DC                                                                         |                 | 18  | GHz   |
| Attenuation Range |                                                                            | 1~10(-0.6/+0.8) |     | dB    |
|                   |                                                                            | 20(-0.6/+0.8)   |     | dB    |
|                   |                                                                            | 30(-0.6/+1.0)   |     | dB    |
| VSWR              |                                                                            |                 | 1.2 | :1    |
| Impedance         |                                                                            | 50              |     | Ohms  |
| RF Power Rating   | 5 Watts Average at 25°C<br>PEAK: 50 Watts(5 μs pulse width, 1% duty cycle) |                 |     |       |

Envrionmental And Physical Characteristics:

| Description          | Parameter                                        | Units |
|----------------------|--------------------------------------------------|-------|
| Operating Temerature | -55 To +125                                      | °C    |
| Body Material        | Black, finned aluminum                           |       |
| Connector Material   | Passivated stainless steel                       |       |
| Inner Conductor      | Gold plated beryllium bronze/tin-phosphor Bronze |       |
| Connectors           | SMA Male/SMA Female                              |       |
| Size                 | Ø15.8×38.7                                       | mm    |