

MTL AirGuard SSDC/OEM range

RF signal and DC power surge protection
for coax transceiver units

- **MOV technology**
- **Extremely low let-through voltage**
- **Designed for specific OEM systems**
- **DC to 2.4GHz**
- **LED indication of DC power status**
- **DC continuity for tower top amplifiers and ODUs**



The SSDC/OEM range protects both the RF signal and the DC power on coax between the indoor unit and outdoor transceiver unit. Applications include point-to-point and point-to-multipoint wireless systems, Local Multipoint Distribution Systems (LMDS), Wireless

Local Loop (WLL) and Multichannel Multipoint Distribution Systems (MMDS) equipment.

RF signal and DC power surge protection for coaxial transceiver units

October 2016

SPECIFICATION

Maximum discharge current

20kA (8/20 μ s)

Maximum clamping voltage

See table

Frequency Range

DC to 2.4GHz

Peak Pulse Current (8/20ms)

40kA

Impedance

50 or 75 Ω

RF power

18W maximum

Specification table

Model	OEM system	Connector	Maximum operating frequency (GHz)	Clamping voltage (V)	Maximum current (A)	DC voltage (V)
RF51081	GPS & Preamp	N-Type	2.4	<48	20,000	+18
RF51083	P-Com	N-Type	2.4	<170	20,000	+48
RF51084	NEC	N-Type	2.4	<170	20,000	- 48
RF51085	Aperto	F-Type	2.4	<30	20,000	+18
RF51086	NEC	N Bulkhead	2.4	<170	20,000	- 48

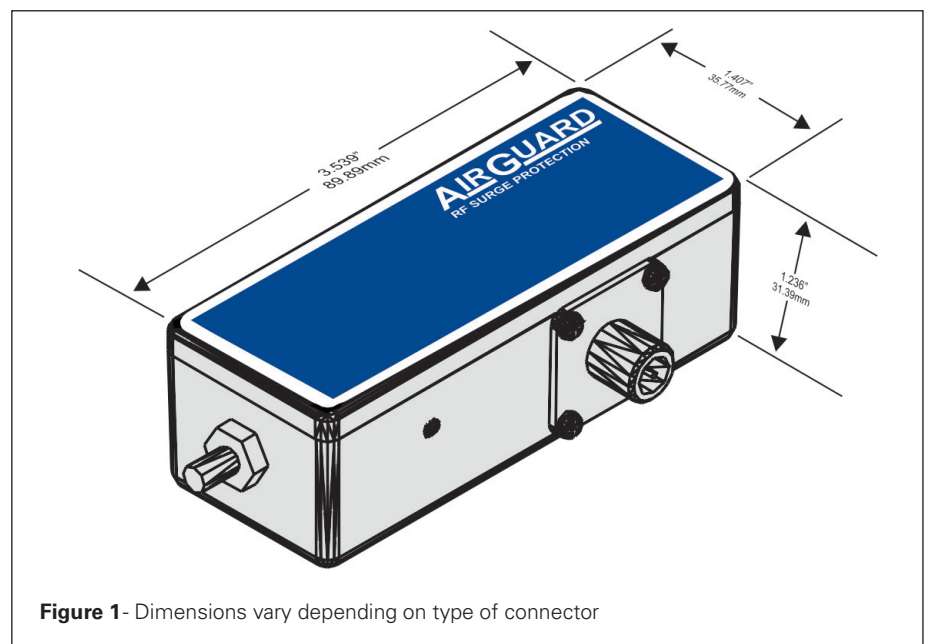


Figure 1- Dimensions vary depending on type of connector



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