

DC-18 GHz, 2 WATTS

# ATTENUATORS, MIL-A-3933/16

FULL MIL SPEC

# A900MS SERIES A900MN SERIES

**GENERAL INFORMATION:**

The KDI MIL-Specification attenuators are manufactured to the same high quality as the A900M Series attenuators with the additional testing environments of MIL-A-3933E and MIL-3933/16. The non-screened units are tested to the group A requirements (Table V) of MIL-A-3933 and the screened versions also include the screening tests of Table IV. These units meet the dimensional, material and marking requirements of MIL-A-3933E.

**GENERAL SPECIFICATIONS:**

**Temperature Range:** -55°C to +125°C  
**Connectors:** SMA  
**Input Power:** 2 watts, 0.5 kW peak  
**Frequency Range:** DC to 18 GHz

MIL. NO.	MODEL NO.	ATTEN (dB)
3933/16-01S	A903MS	3
3933/16-01N	A903MN	3
3933/16-02S	A906MS	6
3933/16-02N	A906MN	6
3933/16-03S	A910MS	10
3933/16-03N	A910MN	10
3933/16-05S	A905MS	1
3933/16-05N	A905MN	1
3933/16-06S	A902MS	2
3933/16-06N	A902MN	2
3933/16-07S	A904MS	4
3933/16-07N	A904MN	4
3933/16-08S	A905MS	5
3933/16-08N	A905MN	5
3933/16-09S	A907MS	7
3933/16-09N	A907MN	7
3933/16-10S	A908MS	8
3933/16-10N	A908MN	8
3933/16-11S	A909MS	9
3933/16-11N	A909MN	9

MIL-A-3933E TABLE IV
SCREENING
TEST
Thermal Shock Conditioning
Visual and Mechanical Examination
Pre-Burn-In Electrical: DC Resistance VSWR Attenuation
Burn-In 240 Hours
Post-Burn-In Electrical: DC Resistance VSWR Attenuation
Radiographic Inspection

TABLE V
GROUP A INSPECTION
TEST
Visual and Mechanical Examination
VSWR
Attenuation
Stability of Attenuation: After Peak Power

