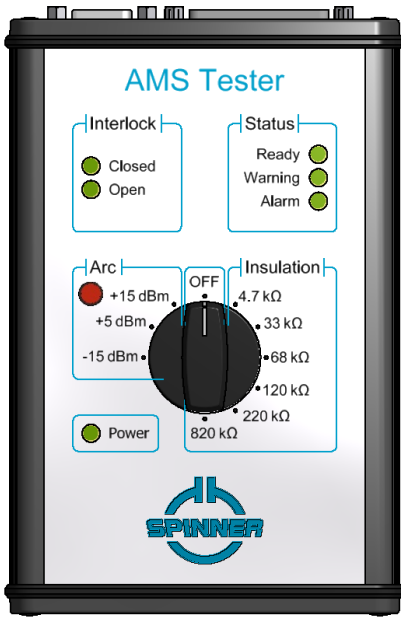


Antenna Monitoring System (AMS) Testing Device || BN 555010



AMS Tester

- Tests the function of the U-Link/ Line Section and the Control Unit
- Simulates arcing and different insulation resistances with the intent to test AMS warnings and alarms
- Checks operation of interlock and status relays
- Easy operation with one single rotary switch

AMS Testing Device

Part number	BN 555010
Connector to Interlock Contacts of CU	D-SUB 25 socket
Connector to Status Contacts of CU	D-SUB 9 socket
Connector to U-Link/ Line Section	2 x banana jacks (4 mm connector) banana jack "IC" connects to inner conductor, banana jack "OC" connects to outer conductor
Interlock Signal Indication	2 x LEDs, red LED= all contacts open, green LED= all contacts closed, red LED + green LED = some contacts open, some contacts closed
Status Signals Indication	3 x LEDs, red LED= alarm, yellow LED = warning, green LED= ready
Operation Modes	Selectable via rotary switch. Simulation of arc signals, simulation of insulation resistance, "OFF"
ON Indication	green LED= in operation
Selectable Insulation Resistance	4.7 kΩ, 33 kΩ, 68 kΩ, 220 kΩ, 820 kΩ
Accuracy of Resistor	±3%
Test Signal for Arcing	Sine wave, 125 kHz, 50 Ω impedance
Selectable Power Level of Arcing Test Signal	+ 15 dBm @ 50 Ω, + 5 dBm @ 50 Ω, -15 dBm @ 50 Ω
Accuracy of Power Level of Arcing Test Signal	± 1.5 dB

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Battery Supply	9-Volt Zn-MnO ₂ (IEC 6LR61, ANSI/NEDA 1604A)
Battery Lifetime, typ./ min.	10h/ 5h @ Q _{Bat} = 0.65Ah
Battery Monitoring	ON indication steady green if battery is charged ON indication flashing green if battery is discharged, battery must be changed immediately
Case material and surface	aluminum alloy
Weight	2 kg
Dimensions (L x W x H) mm	380 x 330 x 110
IP protection level	IP 40 per EN 60529

Environmental conditions

Operational conditions	ETSI EN 300 019-4-3 V2.3.2 (2009-1) class 3.1 N
Ambient temperature range	-10°C to +45°C
Relative humidity, max.	95% (non-condensing)
Transport conditions	ETSI EN 300 019-1-2 V2.1.4 (2009-1) class 2.2
Ambient temperature range	-25°C to +70°C
Rain, condensation, icing	not allowed
Storage conditions	ETSI EN 300 019-1-1 V2.1.4 (2009-1) class 1.2
Ambient temperature range	-10°C to +45°C
Rain, condensation, icing	not allowed

Scope of delivery

AMS Testing Device BN 555010	AMS Tester, connection cable D-SUB 25 (interlock relay test, from control unit to test adaptor, length 2 m), connection cable D-SUB 9 (status relay test, from control unit to test adaptor, length 2 m), 2 x patch cords (4 mm connectors, length 1 m), 2 patch cord adaptors (4 mm socket to 2 mm plug), 9 V battery, case for tester and accessories, manual, data sheet
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Spare parts and accessories

BN A76041	cable D-SUB 25 from control unit to test adaptor
BN A76042	cable D-SUB 9 from control unit to test adaptor
BN A76044	patch cord, red (4 mm connectors, length 1 m)
BN A76045	patch cord, black (4 mm connectors, length 1 m)
BN A76046	patch cord adaptor, red (4 mm socket to 2 mm plug)
BN A76047	patch cord adaptors, black (4 mm socket to 2 mm plug)

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Applicable documents

Product manual	M36374
Technical information	"Environmental Conditions for Broadcast Products" TD-00060

Outline Testing Device (shown in case) (all dimensions in millimeter)

