

Antenna Coupler Test Set**ASI-328****Description of Operation:**

The ASI-328 is used to test the modules of the Collins 490T-1/1A/2/2A/4/9 Antenna Couplers.

Equivalent OEM: Collins**Equivalent MN:** 980H-1**Equivalent PN:** 522-4380-001**Units Tested:**

490T-1/1A, 490T-2/2A

490T-4, 490T-9

The ASI-328 includes the ASI-328-1 Antenna Coupler Control Tester, ASI-328-2 Electronics Control Amplifier Tester, ASI-328-3 Discriminator Tester, and ASI-328-4 Power Panel, enclosed in a rugged case.

Equipment Supplied:

ASI-328-1	Antenna Coupler Control Tester (878L-15)
ASI-328-2	Electronic Control Amplifier Tester (878L-16)
ASI-328-3	Discriminator Tester (878L-17)
ASI-328-4	Power Panel (761-4599-001)
ASI-32-8A	A1 Extender (637-1902-001)
ASI-32-8B	A3 Extender (637-1904-001)
ASI-32-81A	W2 Cable (761-4400-001)
ASI-32-82A	W3 Cable (554-6957-001)
ASI-32-83A	W4 Cable (554-6958-001)
ASI-32-84A	W1 Cable (761-4600-001)

Equipment Specifications:**Height:** 24.50" **Width:** 22.00" **Depth:** 24.50"**Antenna Coupler Control Tester****ASI-328-1****Description of Operation:**

The ASI-328-1 contains power supply and switching matrix necessary to energize control circuits in the antenna coupler module under test.

Equivalent OEM: Collins**Equivalent MN:** 878L-15**Equivalent PN:** 522-4252-001**Units Tested:**

490T-1/1A, 490T-2/2A

490T-4, 490T-9

The ASI-328-1 employs lamp comparison and voltage test points for a go/no-go test of the coupler module.

Equipment Supplied:

ASI-32-81A W2 Cable (761-4400-001)

Equipment Specifications:**Height:** 8.75" **Width:** 19.00" **Depth:** 5.750"**Electronic Control Amplifier Tester****ASI-328-2****Description of Operation:**

The ASI-328-2 provides inputs necessary to operate the electronic control amplifier module.

Equivalent OEM: Collins**Equivalent MN:** 878L-16**Equivalent PN:** 522-4253-001**Units Tested:**

490T-1/1A, 490T-2/2A

490T-4, 490T-9

The ASI-328-2 employs lamp comparison and torque meter indications for a go/no-go test of the electronic control amplifier module.

Equipment Supplied:

ASI-32-82A W3 Cable (554-6957-001)

Equipment Specifications:**Height:** 5.25" **Width:** 19.00" **Depth:** 4.875"**Discriminator Tester****ASI-328-3****Description of Operation:**

The ASI-328-3 simulates actual operating condition under which the discriminator module operates in the antenna coupler.

Equivalent OEM: Collins**Equivalent MN:** 878L-17**Equivalent PN:** 522-4254-001**Units Tested:**

490T-1/1A, 490T-2/2A

490T-4, 490T-9

The discriminator error signals are monitored by a meter on the front panel of the ASI-328-3

Equipment Supplied:

ASI-32-83A W4 Cable (554-6958-001)

Equipment Specifications:**Height:** 5.25" **Width:** 19.00" **Depth:** 7.125"**Power Panel****ASI-328-4****Description of Operation:**

The ASI-328-4 Power Panel controls AC power input into the ASI-328.

Equivalent OEM: Collins**Equivalent MN:****Equivalent PN:** 761-4599-001**Units Tested:**

Power input is supplied through the W1 cable (ASI-32-8A).

Equipment Supplied:

ASI-32-84A W1 Cable (761-4600-001)

Equipment Specifications:**Height:** 1.75" **Width:** 19.00" **Depth:** 2.00"

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