



# 700 MHz, 25Watt Amplifier Outdoor unit

This high power, bi-directional amplifier is designed for 700MHz (or 800~900MHz) radio products. Works equally well with all types of radios.

Designed in a completely weatherproof housing for all outdoor applications. The unit is powered over coax with DC injector.



Item # 70725

### The complete set includes:

1. The Outdoor Amplifier,
2. DC injector, and
3. Universal power supply (110~240VAC to 28 V DC)

### Specifications

#### Electrical:

Operating Range	750 MHz (800MHz~950MHz optional)
Operating Mode	TDD, Time Division duplex,
Transmit Power	44 dBm, 25 Watt
Transmit Gain	22 dB, +/-1dB
Transmit input Power	0 dBm min 24 dBm max
Receive Gain	24 dB, +/- 3dB
Noise Figure	<3 dB
LED indicators	Red for Receive (Default mode) Green for Transmit
Power Consumption	Rx: 200mA Tx @ CW with 10W output: 1200mA Tx @ CW with 25W output: 2300mA
DC Voltage	28V DC
Operating Temp	-40 °C to + 70 °C

#### Mechanical:

	Amplifier	DC Injector
Dimension:	6" x 3.5" x 1.2" (152.4mm x 88.9mm x 41.91mm)	1.4" x 3.5" x 1.0" (35.5mm x 88.9mm x 25.4)
Enclosure:	Watertight machined aluminum housing with Anodized finish	Machined aluminum housing with Anodized finish
Connectors:	Type N female	Type N female
Weight:	1.51 lb (685 g)	2 Oz. (134 g)

**Warranty: 2 yr warranty**

All Shireen's Amplifier products are proudly Made in the USA

