

LA-82 6-Way RF Antenna Combiner



The LA-82 is a passive device (no power supply needed) that takes six incoming RF signals and combines them into one outgoing RF antenna source. The combiner is used in applications where up to six different antenna sources are required and only one antenna output is available or desired.

Highlights

- Combines six incoming RF signals and combines them into one outgoing antenna source
- Passive (no power supply needed)
- Light weight
- Mountable
- Labeled for ease of use

Architectural Specification

The combiner shall have four incoming transmitter antenna connections and one outgoing BNC connector for antenna.

Includes:

LA-82 Instruction sheet

Requires:

RG-58 or RG-8 Coaxial cable
LA-112 RG-58 50 Ohm Coaxial Cable (Per ft.)
LA-113 RG-8 50 Ohm Low-Loss Coaxial Cable (Per ft.)
LA-390 RG-8/50 Ohm Preassembled Coaxial Cable (Per ft.)
LA-391 RG-58/50 Ohm Preassembled Coaxial Cable (Per ft.)

Used With

LA-116 Coaxial Dipole Remote Antenna (72 MHz)
LA-117 Coaxial Dipole Remote Antenna (216 MHz)
LA-122 Universal Antenna Kit (72 and 216 MHz)
LT-800-072-01 Stationary FM Transmitter (72 MHz) (North America)
LT-800-072-02 Stationary FM Transmitter (72 MHz) (Asia, UK)
LT-800-072-03 Stationary FM Transmitter (72 MHz) (Euro)
LT-800-216-01 Stationary FM Transmitter (216 MHz) (North America)
LT-800-216-02 Stationary FM Transmitter (216 MHz) (Asia, UK)
LT-800-216-03 Stationary FM Transmitter (216 MHz) (Euro)
LT-800-863-01 Stationary FM Transmitter (863 MHz) (North America)
LT-800-863-02 Stationary FM Transmitter (863 MHz) (Asia, UK)
LT-800-863-03 Stationary FM Transmitter (863 MHz) (Euro)

Specifications

RF	Frequency Range	1 to 500 MHz
	Impedance	50 Ohm
	Power Loss	3 db for every two combined signals
	Phase	0
	Input RF Power Rating	1W
	Inputs	6
	Outputs	1

Power	AC/DC Power	Passive
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Physical	Dimensions (HxWxD)	4 in. (10.2cm) x 2.5 in. (64 mm) x 1.5 in. (38 mm)
	Weight	4.4 oz.

Environment	Temperature - Operation	14°F to 104°F (-10°C to 40°C)
	Temperature - Storage	-67°F to 212°F (-55°C to 100°C)