

XLQLF-4-150 VHF Multicoupler, 4 channel

XLQLF-4-150 is a 4 channel receiver multicoupler for use on critical applications LMR/PMR systems like TETRA/DMR/PDT/MPT

The XLQLF-4-150 multicoupler incorporates a filter band preselector for better system performance. It also has an amplifier for improved system gain.

FEATURES

- Rugged Design
- 3 - 8 Mhz Preselector
- High gain amplifier +18dB
- Long Life: 10+ years
- 19" Rack Mount
- N female connectors
- Multiple Power Voltage Inputs (120 VAC, 12/24/48 VDC)
- Multicouplers are shipped tuned to customer's Rx frequencies



Electrical Specifications

Frequency Range	150-170 Mhz
Impedance	50 ohms
Number of Channels	4
Preselector bandwidth	3-8 Mhz
VSWR	< 1.3:1
RX-RX Port Isolation	≥ 20dB
Amplifier Gain	0 to 18 dB
Maximum Input Power	-10 dBm
Noise Figure	< 2.5 dB
3rd Order Intercept Point	≥ 30 dBm
Rx Output Connectors	N Female
Antenna Input Connector	N Female
Power Voltage **Add Voltage to model number	120VAC, 12VDC, 24VDC, 48VDC

Mechanical Specifications

Width	483 mm (19")
Height	44.5 mm (1.75"), 1RU
Depth	320 mm (12.6")
Weight	8 Kg
Mounting	19" Rack, 1RU height
Finish	Surface sprayed paint
Included Accessories	Mounting hardware Instructions manual

Environmental

Operational Temperature	-30°C to +60°C -30°F to +140°F
Compliance	RoHS