

4x16 Enhanced Dual RF Distribution Module

1 & 2 GHz Versions

APPLICATION

Leviton's high-performance 4x16 Enhanced Dual RF Distribution Modules are designed to distribute dual cable TV inputs for A/B channel cable TV applications along with modulated signals such as VCR/DVD and security camera/CCTV throughout the home or small office. Variable attenuators enable precise amplification for fine-tuning picture quality (-5 to +15dB) of incoming signals. Available in 1 and 2GHz versions, each module comes with isolated F-connector outlet ports (no termination caps required) and feature bi-directional signaling to support cable modem and cable box communications. The modules support two CATV/ANT inputs for A/B channel cable TV, two auxiliary inputs and 16 isolated television outputs.

STANDARDS COMPLIANCE

Meets all applicable standards.

PHYSICAL SPECIFICATIONS

Dimensions: 3.55" H x 13.18" W x 3.29" D
Impedance: 75 Ohm
Connector Type: F-Type (four inputs, sixteen outputs)
Power Input: 12VDC 1000 mA, adapter supplied
Frequency: 1 or 2 GHz

DESIGN CONSIDERATIONS

- Digital CATV compatible.
- High quality, professional-grade product.
- Distributes RF signals (CATV, antenna) on coaxial cable to sixteen locations.
- Built-in amplifier easily adjusts to compensate for incoming signal strength (-5 to +15dB) variations.
- Provides bi-directional signal paths to support cable modem or cable box communications.
- Isolated outlet ports do not require termination caps.
- Installs easily into any Leviton Structured Media™ enclosure.
- Small circuit board design set at a 30° angle for easier installation.
- 2 GHz version allows broader bandwidth for future expansion.
- External heatsink extends life of product.

WARRANTY INFORMATION

- Two-year limited product warranty.

See ELECTRONIC FILES for CAD files (.DXF, .DWG, MS-DOS.EPS) on disk



For ELECTRONIC Typical Specs see (.TXT) file on disk.

TYPICAL SPECIFICATION

The 1 GHz or 2 GHz 4x16 Enhanced Dual RF Distribution Module shall distribute RF signals over coaxial cable to sixteen locations and contain a variable attenuator with -5 to +15dB amplification. It shall feature four cable inputs and sixteen isolated F-connector outputs that do not require termination caps. The module shall support bi-directional signal paths for cable modem or cable box communications. It shall also come in a small circuit board design with a 30° angle, an impedance of 75 Ohm, F-Type connectors, an external heatsink and come with a 12VDC 1000 mA power supply. The manufacturer shall provide a two-year limited product warranty.



For Technical Support Call 1-425-485-4288; in USA call 1-800-824-3005
Spec sheets and updates are also available at www.levitonvoicedata.com.

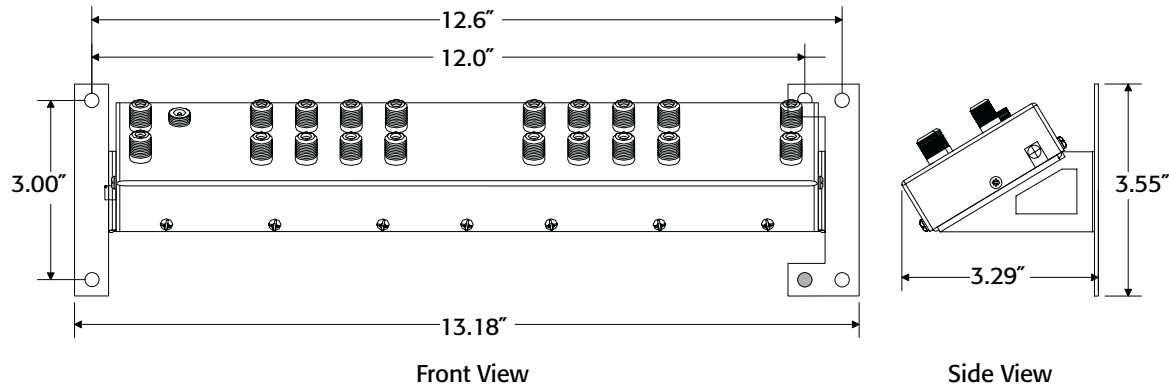


4x16 Enhanced Dual RF Distribution Module

Part Number
47690-4BY 47690-G4Y

DIMENSIONAL LINE ART

See ELECTRONIC FILES for CAD images
 (.DXF, .DWG, MS-DOS.EPS)



PART NUMBERS

Description	Part No.
4x16 Enhanced Dual RF Distribution Module (1 GHz)	47690-4BY
4x16 Enhanced Dual RF Distribution Module (2 GHz)	47690-G4Y

4x16Enhanced DUAL RF Distribution Module			
Gain (dB)			
	Forward		Reverse
1 GHz	54-1000 MHz +15- +/-2*	1.0-1.4 GHz +9+/-5	10-40 MHz 0 +/-2
2 GHz	1.0-2.0 GHz +4 +/-6**		10-40 MHz 0 +/-2
Return Loss (dB)			
	Forward		Reverse (Any Input)
1 GHz	11 Typical		12 Typical
2 GHz	11 Typical		12 Typical
Isolation (dB)			
	AUX-AUX	Cable-AUX	Out-Out
1 GHz	N/A	30	25
2 GHz	18	30	25

*1 GHz: Tilt specification for all units is less than +/- 3dB
 ** 2 GHz: Tilt specification for all units is less than +/- 5dB



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