

3x4 Multi-Switch

APPLICATION

Leviton's 3x4 Multi-Switch combines dual Low Noise Block (LNB) connections from a single satellite dish and distributes digital programming to up to four independent satellite receivers. The module incorporates a separate input to receive TV antenna and cable connections.

PHYSICAL SPECIFICATIONS

Materials: **Bracket:**
White, powder-coated steel.

Dimensions: **Bracket:**
4.766"H x 6.576"W x 2.366"D

DESIGN CONSIDERATIONS

- Designed to easily fit into Leviton's Structured Media™ Centers.
- Use Video Amplifier (PN# 48210-VA) for increased signal strength when receiving TV antenna and cable signals.
- DSS 75 Ohm and 2.0 GHz Combiner with DC Blocking (PN# 40856-DSS) is available to facilitate separation of antenna and cable signals.
- Works with DirecTV systems only and will not work with other proprietary systems.

PERFORMANCE SPECIFICATIONS

Frequency: TV Antenna Output: 40 MHz – 860 MHz
LNB Output: 950 MHz – 2150 MHz
Receiver Output: 40 MHz – 2150 MHz

Impedance: 75 Ohm

Insertion Loss: 40-860 MHz: -7dB (typical)
950-2150 MHz: -3dB (typical)

Return Loss: 40-860 MHz: -10dB (typical)
950-2150 MHz: -10dB (typical)

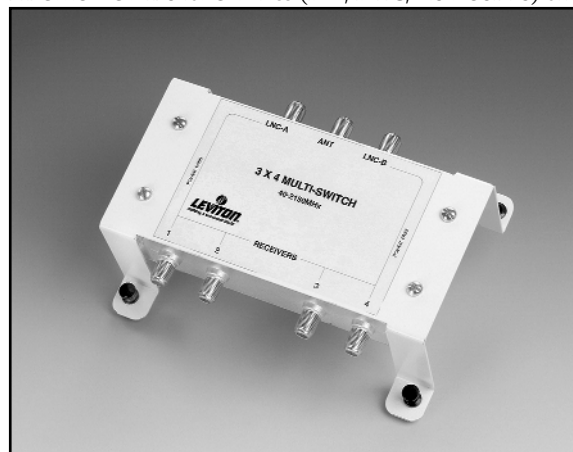
Isolation: Output to Opposite Input: -22dB (typical)

DC Power Passing: RX-LNB: 500mA (max)

Connector Type: F-Connector, female

LNB Selection Voltage: LNB A: 13V/14V
LNB B: 17V/18V

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



WARRANTY INFORMATION

- One-year limited product warranty.

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

TYPICAL SPECIFICATION

Leviton's 3x4 Multi-Switch shall be designed to easily fit into Leviton's Structured Media Centers; its supplied bracket is constructed with white, powder-coated steel. The Multi-Switch shall combine dual-Low Noise Block (LNB) connections from a satellite dish and distribute digital programming to up to four independent satellite receivers. The TV antenna output shall be between 40 MHz and 860 MHz; the LNB output between 950 MHz and 2150 MHz; the Receiver output shall be between 40 MHz and 2150 MHz; and the output to opposite input shall maintain a typical -22dB level. The manufacturer shall provide a one-year limited product warranty.

3x4 Multi-Switch



For Applications Engineering Support – Call 1-425-485-4288; in USA call 1-800-722-2082
Spec sheets and updates are also available at www.levitonvoicedata.com.

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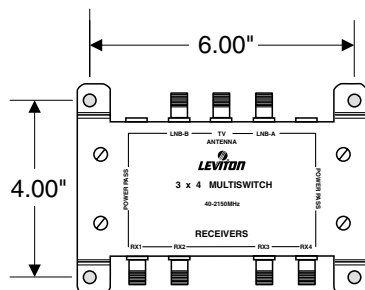
Part Numbers

47691-3MS

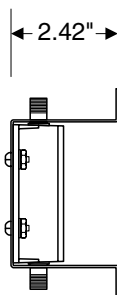
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DIMENSIONAL LINE ART

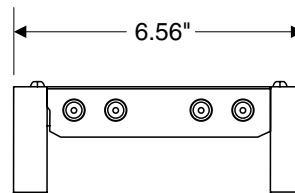
See ELECTRONIC FILES for CAD images
(.DXF, .DWG, MS-DOS.EPS)



Front View without Bracket



Side View with Bracket



Back View of Bracket

PART NUMBER

Description	Part No.
3x4 Multi-Switch	47691-3MS



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