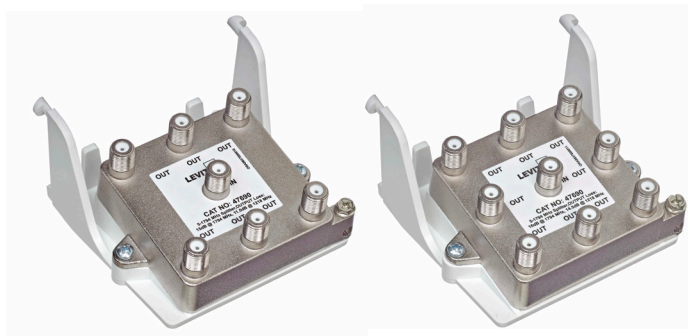


Passive Coaxial Splitters w/ Versatile Bracket For mounting in STRUCTURED MEDIA™ Center Enclosures

APPLICATION

6-way and 8-way Passive Coaxial Splitters are ideal for splitting digital cable, cable TV, over-the-air, and MoCA signals. Passive Splitters are easily installed in Leviton STRUCTURED MEDIA Enclosures or used in applications where a passive coaxial splitter is needed. These units feature die-cast housings and printed circuit board construction.



6-Way Passive Splitter

8-Way Passive Splitter

SPECIFICATION

Passive Coaxial Splitters shall incorporate a robust nickel plated cast zinc housing. Splitters shall be available in 6- or 8-way 75 Ohm configurations and shall support frequencies up to 1794 MHz. Splitters shall support common coaxial cable applications including MoCA, DOCSIS, and over-the-air television broadcast. Splitters shall be mounted on Leviton Versatile Mounting Brackets providing tool-free installation into any Leviton Structured Media Center.

FEATURES & BENEFITS

- Split signals with outputs for six or eight coaxial devices such as televisions, set top boxes and MoCA Ethernet devices
- 360-degree seizing pin provides a distortion-free signal for digital data transmission
- Weather sealed F-ports up to 30 PSI
- 6kV surge protection
- High-quality plating passes 1200-hour salt spray test
- Maintains temperature stability from – 40 °C to 85 °C both in isolation and return loss

DESIGN CONSIDERATIONS

- Designed to support the latest DOCSIS, MoCA, and Over-the-Air Applications. Not intended for Direct-to-Home (DtH) Satellite Service
- Can be used with a signal amplifier for increased signal power
- High-precision machined, SCTE-compliant threaded ports spaced at intervals of one inch, center to center
- Use with 75 Ohm terminators on unused ports, Leviton part number 40984
- Bracket installs in Leviton STRUCTURED MEDIA Center Enclosures

STANDARDS & REGULATIONS

- SCTE
- MoCA
- DOCSIS
- UL94-rated material

MECHANICAL SPECIFICATIONS

Dimensions: See page 2

Materials: **Splitter:** Nickel-plated F-connector, zinc die-cast housing, and glass-printed circuit board
Bracket: Polycarbonate UL 94 V-0

COUNTRY OF ORIGIN

China

WARRANTY INFORMATION

For Leviton product warranties, go to Leviton.com/ns/warranty

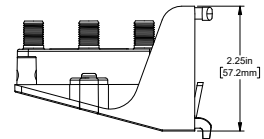
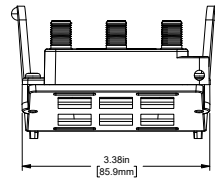
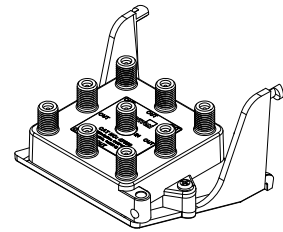
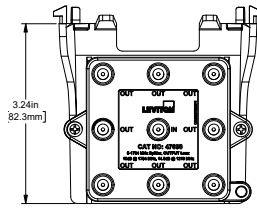
PRODUCT SPECIFICATIONS

47690-xM2

47690-xM2

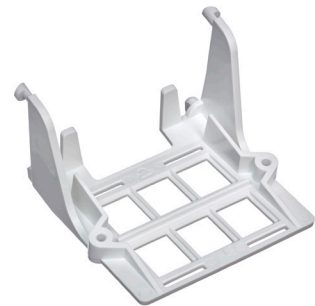
PERFORMANCE SPECIFICATIONS

Insertion Loss (dB)	1x6	1x8
5-400 MHz	≤ 9.5	≤ 11.3
400-600 MHz	≤ 10.5	≤ 11.6
600-1002 MHz	≤ 11.0	≤ 12.5
1002-1218 MHz	≤ 11.5	≤ 14.3
1218-1794 MHz	≤ 14.8	≤ 16
Return Loss (dB)	1x6	1x8
5-1002 MHz	≥ 18	≥ 18
1002-1218 MHz	≥ 16	≥ 16
1218-1794 MHz	≥ 15	≥ 14
Isolation Loss (dB)	1x6	1x8
5-10 MHz	≥ 20	≥ 20
10-65 MHz	≥ 28	≥ 28
65-870 MHz	≥ 25	≥ 25
870-1002 MHz	≥ 22	≥ 22
1002-1125 MHz	≥ 20	≥ 20
1125-1675 MHz (MoCA D-band)	≤ 35 & ≥ 18	≤ 35 & ≥ 18
1675-1794 MHz	≥ 18	≥ 18
RFI Shielding Effectiveness (dB)	1x6	1x8
5-1002 MHz	≥ 120	≥ 120
1002 - 1218 MHz	≥ 110	≥ 110
1218 - 1794 MHz	≥ 100	≥ 100
Impedance	1x6	1x8
	75 Ω	75 Ω
Surge Withstand	1x6	1x8
Input and Output	6KV/500A Ring Wave 5 Each: Negative and Positive	



PART NUMBER

Description	Part No.
6-Way Passive Coaxial Splitter with Versatile Bracket	47690-6M2
8-Way Passive Coaxial Splitter with Versatile Bracket	47690-8M2
6-port Versatile QUICKPORT™ Mounting Bracket, empty	47690-HSB



For further support information, visit Leviton.com/ns/support