



## Features

- Available in 42/53 (NTSC) mid split
- MoCA enhanced capability
- 6 kV protection (IEEE C-62-41-B3 on input, A3 on output)
- Flat-end brass "F" ports with four-sided center conductor contact
- Unique positive tilt compensates for greater attenuation at higher frequencies
- LED Power Indicator
- Aluminum die-cast housing with baked enamel finish
- Neoprene moisture and mesh RFI gasket
- Amplifier can be powered through a designated output port with optional power inserter
- Available with 2 Output ConfigurationCommScope

## SVA 152(4)PRSMOCA MoCA Amplifier

With the growing demand of MoCA (Multimedia over Coax Alliance) compatible network components, CommScope has a continuous initiative to optimize our offering to assure the highest MoCA performance. With services such as download on-demand, digital video recording (DVR) and in-home video/data sharing now available, may cable operators desire the convenience of having a MoCA enhanced amplifier available to their next-generation customers. CommScope is able to meet this demand with our MoCA amplifier.

Currently available in a 2 output, all ports down configuration, this amplifier is designed to enhance MoCA capability within the home cable television network. With 15dB of gain in the forward path and a passive reverse path, this MoCA amplifier supports the technology needed to drive today's high-speed voice, video and data networks. Designed in an aluminum housing, utilizing brass F-ports and moisture/RFI gaskets, this product meets or exceed all SCTE requirements as well as the harsh demands of an outside plant environment.

### Electrical Specifications (2/4 Ports)

**Bandwidth** 5-42 MHz / 53-1002 MHz  
**MoCA** 1002 -1550 MHz

**Gain** Forward 11.0 dB  
**Insertion Loss** Reverse 4.5 dB

**Response Flatness** Forward  $\pm 1.0$  dB  
 Reverse  $\pm 1.0$  dB

**Noise Figure (device noise contribution)**  
 5.5 dB Max @1002 MHz, 2 output

**Return Loss** Forward 20 dB Min.  
 Reverse 21 dB Min.

**Isolation**  
 Power / RF Out 60 dB min (5-1002 MHz)  
 Out / Out 22 dB min (53-1002 MHz)  
 25 dB min (5-42 MHz)

**Isolation - MoCA**  
 Out / Out 15 dB max (1125 -1550 MHz)  
 Out / In 36 min (1125 -1550 MHz)

**Distortion Performance**  
 77 analog, 124 digital -256 QAM ch. loading  
**C/N** 70 dB min.  
**CSO** -65 dB min.  
**CTB** -75 dB min.  
**X-Mod** -75 dB min.

### Group Delay

20 nSec max @ Ch. 2 (3.58 MHz span)  
 5 nSec max @ Ch. 6+ (3.58 MHz span)

**Hum Modulation** -75 dB min.

**RFI** 100 dB Minimum

### Powering Requirements

12 VDC / 200 mA (2 out)

### AC/DC Power Supply

UL Certified, Surge Protected