



MoCA Point of Entry Filters

With the growing demand of MoCA (Multimedia over Coax Alliance) compatible network components, CommScope has a continuous initiative to optimize its product 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, many cable operators desire the convenience of having a Point of Entry MoCA Filter available to their next-generation customers. CommScope is able to meet this demand with the POE MoCA Inline Filter. This product meets or exceeds all SCTE requirements as well as the harsh demands of an outside plant environment.

Features

- MoCA enhanced capability
- 6 kV protection (IEEE C-62-41-B3 Combination Wave and C-62-41-A3 Ring Wave)
- Flat-end brass "F" ports with four-sided center conductor contact
- Environmentally sealed, 15 psi, Brass housing with Nickel plating
- Minimizes MoCA energy on the cable HFC feeder
- Acts as a reflector to increase the MoCA signal level within the subscriber's drop
- Prevents interference between adjacent subscriber homes that use MoCA technology
- Supports a 1 GHz pass band
- SCTE compliant
- ISO 9001:2000 Certified Production Facility

Electrical Specifications

SVMFI - Inline MoCA Filter

Pass Band	5 – 1002 MHz
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MoCA Stop Band	1125 – 1550 MHz
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Pass Band Frequency	Insertion Loss	Return Loss
5 – 42 MHz	≤ 0.25 dB	≥ 20 dB
54 – 750 MHz	≤ 0.75 dB	≥ 18 dB
750 – 860 MHz	≤ 0.85 dB	≥ 18 dB
860 – 1002 MHz	≤ 1.50 dB	≥ 17 dB

MoCA Stop Band Frequency	Insertion Loss	Return Loss
1125 – 1550 MHz	≥ 40 dB	≤ 3.0 dB

Group Delay	≤ 5.0 ns
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