

# MoCA® Filters – SNLP-1G

## Eliminate Multi-Room DVR Interference



A BELDEN BRAND

### Isolate and Protect MoCA® User Networks

As in-home networking services continue to grow, you need strong protection to give your subscriber the best multi-room DVR experience. Physically isolating the home through the installation of a low-pass filter at the point-of-entry is necessary to avoid interference from near-by MoCA® users, such as a neighbor. This patented technology prevents interference between homes that use MoCA, and acts as a reflector to minimize MoCA® signal loss in the home.



### Future-Proof

PPC's MoCA® filter offers next generation, future-proof technology. Designed not only to isolate a MoCA® signal and keep out interference in any Multi-room network devices like set top boxes and routers, the PPC MoCA® filter also can be used in the house to protect the AGC in non-MoCA® devices like a cable modem. The PPC MoCA® filter is DOCSIS 3.0 ready and is built to protect your network as technology and in-home services continue to advance in the future.

### Real Surge Protection

The PPC MoCA® filter is optimized to protect your network and subscriber experience: it can withstand minor and major surges, keeping content flowing and service calls down.

### Features and Benefits

- Prevents interference between subscriber homes that use MoCA® Technology
- Supports a 1 GHz passband
- Compliant to MoCA® Specifications
- Enhances MoCA® signal level within the subscriber's home
- Designed for ease-of-installation

Construction		
Component	Material	Plating
Outer Bodies	Brass	Nickel
Female Contact	Beryllium Copper	Gold
Male Pin	Brass	Tin
Aquatight® Port Seal	Silicone Rubber	N/A
O-Ring Seal	EPDM	N/A



### Operation Specifications

Bandwidth	5 MHz to 1525 MHz	
Impedance	75 Ohms (nominal)	
Return Loss	5-1002 MHz	-14 dB min
Insertion Loss	5-1002 MHz	-2.5 dB max
	1125-1525 MHz	-35 dB min
Group Delay	5 ns	
Surge Withstand	6 kV B3 Ring Wave	
RFI Shielding	-140 dB	
Operating Temperature	-40° F to +140° F (-40° C to +60° C)	
Female Contact Retention Force	200 grams	
Physical Dimensions	SNLP-1GCW	0.50 X 1.94
	SNLP-1GCWWS	0.58 X 2.17

*Meets or Exceeds all SCTE Specifications*

### Part Numbers

SNLP-1G	Low pass filter, MoCA PoE, Ring Wave
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