

Low Pass Point of Entry Filter

LBMLPF-1.2 GHz

Features:

Prevent interference to and from neighboring home point-of-entry filter. universal standard for home entertainment networking. The E C O Broadband MoCA low-pass point-of-entry filter(LBMLPF) is used at the subscriber entry to prevent interference the input of the first device going into the home, this Tough lter isolated adjacent subscribers from each other by 70-100dB when the filter is deployed at each drop.



- Group delay: any 3.58 MHz span within 5-1225 MHz, <5 nesc
- Surge withstand: A3ring wave (+/-6 kV),
- Temperature cycled, from -40°C to +60°C (-40°F to +140°F)
- Waterproof to 15 PSI (one minute test)

Specifications:

Item	Min	Typ	Max	Unit
Frequency Range	5~3000			MHz
Impedance	75			Ω
Pass Band	5~1225			MHz
- Insertion Loss (5~1005 MHz)		0.5	1.0	dB
- Insertion Loss (1006~1225 MHz)		1.5	2.0	dB
- Return Loss (5~1225 MHz)	14	18		dB
Stop Band	1350~1675			
Rejection (1350~1675 MHz)	40	45		dB
Rejection (3000 MHz)	10	20		dB
Operation Temperature	-40~60			℃
Withstanding Tightening Torque Female “F” Port	40			Inch-lbs
Withstanding Tightening Torque Male “F” Port	60			Inch-lbs
All “F” Port(s) withstand IEEE C62.41-1991 Category A3 and B3 Surge 6 kV				