



Suspended Stripline Bandpass Filters

Low Pass Filter

P/N	1dB Pass Band (GHz)	3dB Cut Off (GHz)	VSWR	Rejection (dB min @GHz)	Power Handling (W)	Connectors
AEMSLF-010-2S	DC-0.9	1	2	50@1.15-4	15	SMA-F
AEMSLF -020-2S	DC-1.8	2	2	50@2.3-6	15	SMA-F
AEMSLF -030-2S	DC-2.7	3	2	50@3.45-8	15	SMA-F
AEMSLF -040-2S	DC-3.6	4	2	50@4.6-10	15	SMA-F
AEMSLF -050-2S	DC-4.5	5	2	50@5.8-12	15	SMA-F
AEMSLF -060-2S	DC-5.4	6	2	50@6.9-14	15	SMA-F
AEMSLF -070-2S	DC-6.3	7	2	50@8-15	15	SMA-F
AEMSLF -080-2S	DC-7.2	8	2	50@9.2-16	15	SMA-F
AEMSLF -090-2S	DC-8.1	9	2	50@10.4-16.5	15	SMA-F
AEMSLF -100-2S	DC-9	10	2	50@11.5-17	15	SMA-F
AEMSLF -110-2S	DC-9.9	11	2	50@12.7-17.5	15	SMA-F
AEMSLF -120-2S	DC-10.8	12	2	50@13.8-18	15	SMA-F

Operating Temperature: -55 °C to +85 °C,

Storage Temperature: -60 °C to +90 °C.

Shock: 20G's, 1/2 Sine, 11ms

Vibration: 10G's, 10Hz-2000Hz Relatively Humidity: 0 to 95%

Customized available

Specification may change without notice



Suspended Stripline Bandpass Filters

High Pass Filter

P/N	1dB Pass Band (GHz)	3dB Cut Off (GHz)	VSWR	Rejection (dB min @GHz)	Power Handling (W)	Connectors
AEMSHF-010-2S	1.1-4	1	2	50@DC-0.85	15	SMA-F
AEMSHF-020-2S	2.2-12	2	2	50@DC-1.75	15	SMA-F
AEMSHF-030-2S	3.3-12	3	2	50@DC-2.55	15	SMA-F
AEMSHF-040-2S	4.4-12	4	2	50@DC-3.4	15	SMA-F
AEMSHF-050-2S	5.5-16	5	2	50@DC-4.25	15	SMA-F
AEMSHF-060-2S	6.6-18	6	2	50@DC-5.1	15	SMA-F
AEMSHF-070-2S	7.7-18	7	2	50@DC-5.95	15	SMA-F
AEMSHF-080-2S	8.8-18	8	2	50@DC-6.8	15	SMA-F
AEMSHF-090-2S	9.9-18	9	2	50@DC-7.65	15	SMA-F
AEMSHF-100-2S	11-18	10	2	50@DC-8.5	15	SMA-F
AEMSHF-110-2S	12.1-18	11	2	50@DC-9.35	15	SMA-F
AEMSHF-120-2S	13.2-18	12	2	50@DC-10.2	15	SMA-F

Operating Temperature: -55 °C to +85 °C, 2.

Storage Temperature: -60 °C to +90 °C.

Shock: 20G's, 1/2 Sine, 11ms

Vibration: 10G's, 10Hz-2000Hz

Relatively Humidity: 0 to 95%

Customized available

Specification may change without notice



American Accurate Components, Inc.

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Suspended Stripline Bandpass Filters

Band Pass Filter

P/N	3dB BW (GHz)	1dB Pass Band (GHz)	VSWR	Rejection 1 (dB min @GHz)	Rejection 2 (dB min @GHz)	Power Handling (W)	Connectors
AEMSBF-1020-2S	1~2	1.05~1.9	2	45@DC-0.85	45@2.3-4	15	SMA-F
AEMSBF-2040-2S	2~4	2.1~3.8	2	45@DC-1.7	45@4.6-7	15	SMA-F
AEMSBF-2060-2S	2~6	2.1~5.7	2	45@DC-1.7	45@6.9-11	15	SMA-F
AEMSBF-2080-2S	2~8	2.1~7.6	2	45@DC-1.7	45@9.4-12	15	SMA-F
AEMSBF-4080-2S	4~8	4.2~7.6	2	45@DC-3.4	45@9.2-12	15	SMA-F
AEMSBF-60120-2S	6~12	6.3~11.4	2	45@DC-5.1	45@13.8-18	15	SMA-F
AEMSBF-60180-2S	6~18	6.3~11.7	2	45@DC-5.1	45@20.7-22	15	SMA-F

Operating Temperature: -55 °C to +85 °C, 2.Storage

Temperature: -60 °C to +90 °C.

Shock: 20G's, 1/2 Sine, 11ms

Vibration: 10G's, 10Hz-2000Hz

Relatively Humidity: 0 to 95%

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