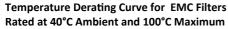
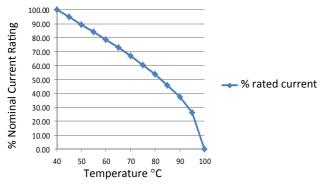
# RES90 Chassis Mounted Filter Very High Differential and Common Mode

Roxburgh's RES90 series is a multi-stage EMC filter with very high differential and common mode attenuation. Featuring excellent attenuation performance this series is suitable for noisy applications where increased filter performance is required.







Call us on:

+44 (0) 1724 273200

#### **Features:**

- Multi-stage
- Very high differential and common mode attenuation
- · Excellent attenuation performance
- UL approved E191581
- For use from DC to 400Hz
- 1 Amp to 30 Amp

#### **Benefits:**

- Compact size for rated current
- Fast-on, screw or wire terminations
- Quick and easy mounting
- Available from UK stock

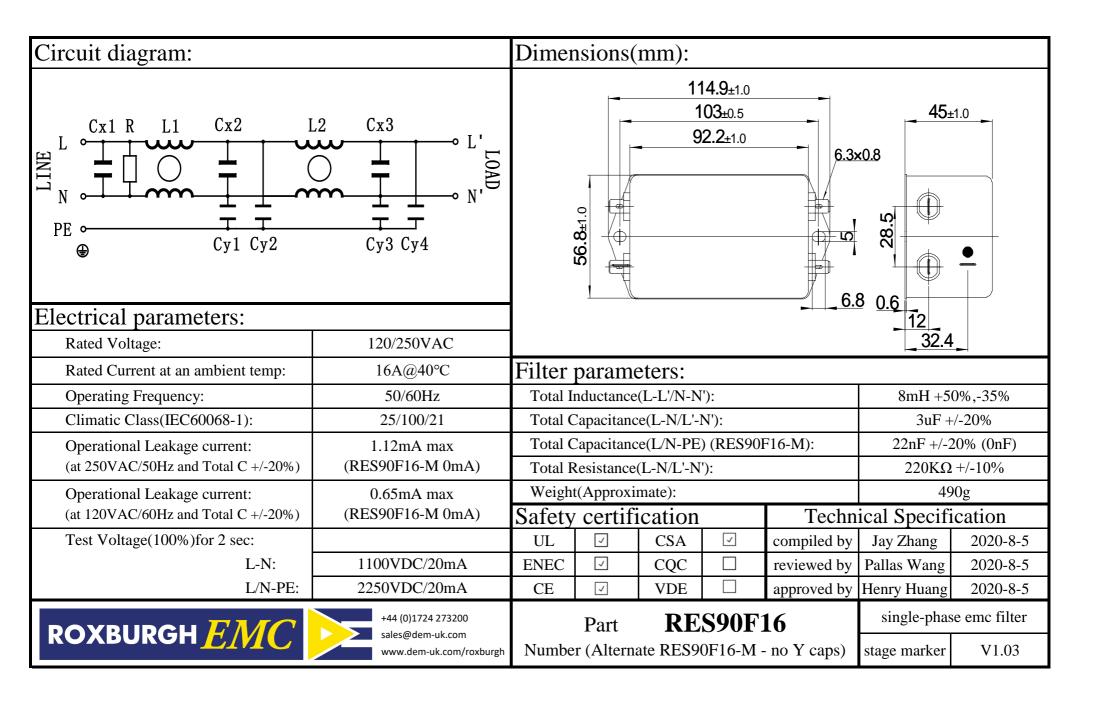
### **Application Examples:**

- Lighting
- Drives
- Electrical and electronic equipment
- Consumer goods
- Household equipment
- Building automation
- Machinery
- Electronic data/communication processing equipment
- · Office automation

Full technical specification on page 2

Performance curves on page 3

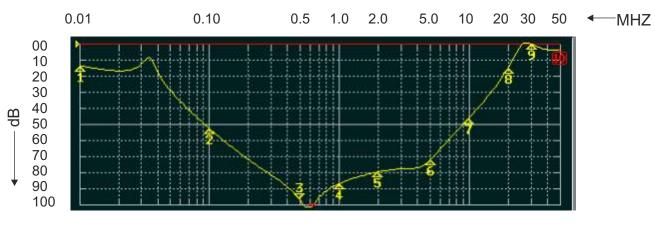
Other options in this range on page 4



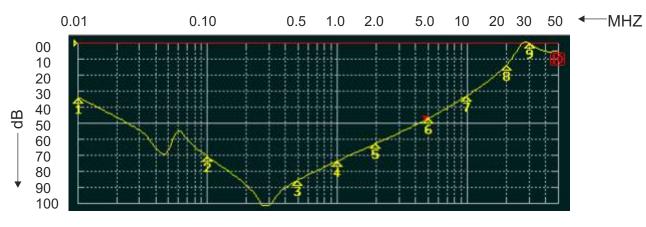
# **ROXBURGH EMC**

### FILTER INSERTION LOSS CHARACTERISTICS CISPR 17 - 50 OHM METHOD

# **RES90F16**



**COMMON MODE** 



**DIFFERENTIAL MODE** 



# RES90 Chassis Mounted Filter Very High Differential and Common Mode

## **Options Available:**

Part Number	Rated Current @40°C	Leakage Current @ 230V/50Hz	Inductance ∑L	Capacitance ∑Cx	Capacitance ∑Cy	Resistance ∑R	Connection Type		
	Α	mA	mH	uF	nF	ΚΩ			
								1	
RES90F01	1	0.5	40	0.66	6.4	680	F	W	
RES90F03	3	0.5	28	0.99	6.4	470	F	W	
RES90F06	6	0.67	16	1.41	8.6	330	F	W	
RES90F10	10	0.67	16	1.41	8.6	330	F	W	
RES90F16	16	1.02	08	3.00	22	220	F	W	
RES90F20	20	1.02	5.4	3.00	22	220	F		
RES90S20	20	1.02	5.4	3.00	22	220			S
RES90S30	30	1.02	3.0	3.00	22	220			S

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