

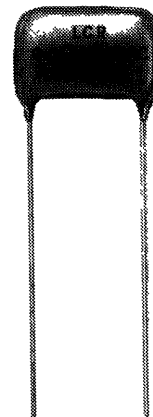
LCR COMPONENTS

LCR MAINS SUPPRESSOR CAPACITORS Type : Y/S/ED

These specially constructed metallised polyester capacitors are coated in flame retardent epoxy resin.

They are intended for mains to earth connection and meet the international test requirements for class Y capacitors.

In addition they comply with the safety capacitor requirements of BS415 : 1979 and IEC 65-14.2.



CHARACTERISTICS

Capacitance: .0022 – .047 mfd.

Capacitance Tolerance: ± 20%

Voltage Rating: 250V RMS (50Hz)

Temperature Range: –25°C to 85°C.

Climatic Category: 25/85/21

Voltage Test: 3000 V. DC or
2000 V. AC for 2 sec.
2500V AC (2 sec.)
between terminals and
case

Insulation Resistance: > 30,000 Megohms

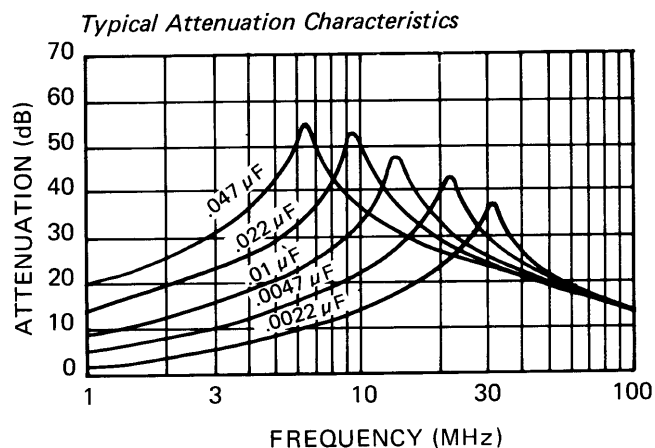
Dissipation Factor: ≤ .01 at 1 KHz.
≤ .015 at 10 KHz.

Endurance Test: 1500 hours at 1.7 x
working voltage at 85°C.
with 1000 V. AC applied for
0.1 sec. every hour.

Terminations: 0.8mm. tinned copper wire
16mm. minimum Length.
(extra length up to 30mm
is available.)

Capacity mfd	Length mm	Height mm	Width mm	p.c.m. mm
.0022	17.5	10	6	15
.0047	17.5	10	6	15
.01	17.5	11	6	15
.022	17.5	12.5	7.5	15
.047	25	15	6.5	22

Other values available



5mm leads 60 ohm system

$$\text{Attenuation} = 20 \log_{10} \frac{V_{in}}{2V_{out}}$$

Note: With 200 ohms system max. atten. + 10 db.
With 600 ohms system max. atten. + 20 db.