

Cylindrical Case Filters

F.AT series

These filters provide good attenuation, particularly for asymmetric RFI at medium frequency.

Ideally suited for white goods, induction motor applications and lighting systems.

- Comprehensive performance range
- Compact enclosure
- Optional termination styles
- Low cost suppression solution



Mechanical Specifications

Manufacture: plastic case sealed with self-extinguishing resin.
Connections: flexible leads, female faston or female faston and ring tag (common)

Filter Range

Code	Cx (μF)	Cy (pF)	I _L (mA)	R (MΩ)	DxH (mm)
F.AT. --. 2220.ZA	0.022	2x 2700	2x0.12	-	14x35
F.AT. --. 2220.ZB	0.022	2x 4700	2x0.2	-	14x35
F.AT. --. 2220.ZC	0.022	2x10000	2x0.52	-	14x35
F.AT. --. 2390.ZD	0.039	2x39000	2x2.38	-	18x40
F.AT. --. 2470.ZA	0.047	2x 2700	2x0.12	-	14x35
F.AT. --. 2470.ZB	0.047	2x 4700	2x0.21	-	14x35
F.AT. --. 2680.ZB	0.068	2x 4700	2x0.21	-	16x35
F.AT. --. 2680.ZH	0.068	2x47000	2x2.4	-	22x40
F.AT. --. 3100.ZA	0.1	2x 2700	2x0.12	-	18x35
F.AT. --. 3100.ZB	0.1	2x 4700	2x0.21	1.5	18x35
F.AT. --. 3100.ZC	0.1	2x10000	2x0.45	1.5	18x35
F.AT. --. 3100.ZD	0.1	2x15000	2x0.66	1.5	18x35
F.AT. --. 3100.ZG	0.1	2x33000	2x1.4	1.5	18x40
F.AT. --. 3100.ZH	0.1	2x47000	2x2.58	1.5	22x40
F.AT. --. 3150.ZA	0.15	2x 4700	2x0.21	1.5	18x40
F.AT. --. 3150.ZC	0.15	2x15000	2x0.67	1.5	18x40
F.AT. --. 3150.ZD	0.15	2x47000	2x2	1.5	22x40
F.AT. --. 3250.ZA	0.25	2x 4700	2x0.21	1	22x40
F.AT. --. 3250.ZD	0.25	2x27000	2x1.2	1	25x40
F.AT. --. 3250.ZF	0.25	2x47000	2x2	1	25x40
F.AT. --. 3330.ZD	0.33	2x27000	2x1.21	1	25x40
F.AT. --. 3330.ZE	0.33	2x33000	2x1.47	1	25x40
F.AT. --. 3330.ZF	0.33	2x47000	2x2	1	25x40
F.AT.BG.3100.ZC	0.1	2x10000	2x0.45	1.5	25x40
F.AT.BG.3150.ZD	0.15	2x47000	2x2	1.5	25x40
F.AT.BG. 3250.ZF	0.25	2x47000	2x2	1	25x40

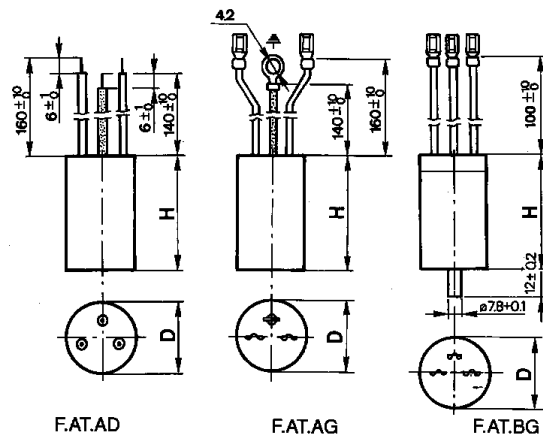
AD (see dimensions and connections)

AG (see dimensions and connections)

Electrical Specifications

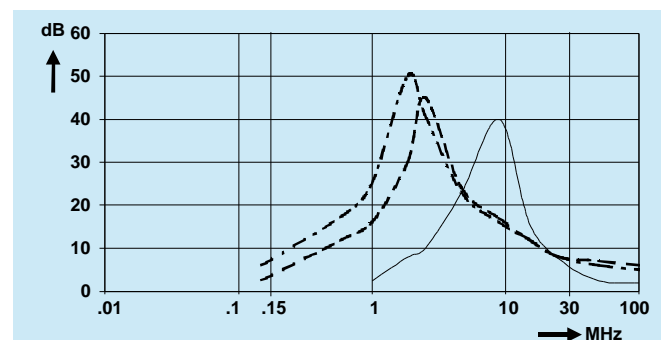
Rated voltage (V_R): max 250 V, 50/60 Hz
Leakage current (I_L): at 220 V, 50 Hz, max value
Voltage test (2 s.): line to ground 3000 Vdc
line to line 1700 Vdc
Climatic category: HPF (25/085/21);
Temperature range: -25°C to +85°C

Dimensions (mm) and connections



Insertion loss (typical): Asymmetrical (line to ground)

— Cy = 2700pF - - - Cy = 27000pF - · - · Cy = 47000pF



Approvals

EN132400