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ABS Plastic Instrument Enclosures 1598R Series

EMI/ RFI Copper Conductive Coating Inside

Key Features:



- Desk top electronic instrument enclosure, ideally suited for mounting printed circuit boards.
- Molded from flame retardant ABS plastic (material carries a UL flammability rating of 94V-0).
- Interior of each enclosure half is specially masked and sprayed with an RFI/EMI copper conductive coating (see close up photo below).
- Coating manufacturer specifies an attenuation of more than 75 db from 1 Mhz. to 1 Ghz.
- Designed to meet IP54.
- Two sets of vertical 1.5 mm (0.062") P.C. board guides are molded into case halves front and rear.
- Front and rear panels are 1.6 mm (0.064") brushed aluminum with protective paper on one side.
- Cases halves are secured with M3 x 0.5" x 10 mm (0.39") Phillips machine screws threaded into tapped integral brass bushings. Perfect for applications with repetitive assembly and disassembly are required.
- Integral horizontal P.C. card mounts on Eurocard centers.
- P.C. card standoffs molded into top & bottom half of enclosure - require #6 x 1/4" (6.4mm) screws - part number 1598ATS100
- Stocked in matte textured black.

Alternative:

- When shielding is not required, try series **1598**

Enclosures

| Part Number | Color | Length | Width | Height | Extra Aluminum Panels (Pair) | Tilt Bail Kits |
|-------------|-------|--------|-------|--------|------------------------------|----------------|
| 1598RBBK | Black | 5.28 | 5.31 | 1.96 | 1598PLB-AL | |
| 1598RABK | Black | 6.18 | 3.70 | 1.42 | 1598PLA-AL | |
| 1598REBK | Black | 6.30 | 6.30 | 3.38 | 1598PLE-AL | 1598TH1 |
| 1598RBBBK | Black | 7.05 | 6.06 | 1.42 | 1598PLBB-AL | 1598TH1 |
| 1598RCBK | Black | 7.09 | 6.10 | 2.04 | 1598PLC-AL | 1598TH1 |
| 1598RDBK | Black | 7.09 | 8.11 | 2.52 | 1598PLD-AL | 1598TH2 |
| 1598RFBK | Black | 9.84 | 6.30 | 1.58 | 1598PLF-AL | 1598TH1 |
| 1598RGBK | Black | 9.84 | 6.30 | 3.00 | 1598PLG-AL | 1598TH1 |
| 1598RHBK | Black | 11.02 | 7.87 | 1.58 | 1598PLH-AL | 1598TH2 |
| 1598RJBK | Black | 11.02 | 7.87 | 3.00 | 1598PLJ-AL | 1598TH2 |

Tags: copper, conductive coating, EMI, RFI, shielded, ABS, end panels, desktop, PCB

Data subject to change without notice

