

FERRITE EMI CABLE CORES
 HIGH FREQUENCY
 SPLIT / SNAP-ON, FERRITE CORES IN PLASTIC CASES

| Part Number | Fig # | PLASTIC CASE DIMENSIONS mm (inches) | | | | Maximum Cable Diameter mm (inches) | Typical Impedance (Z) in Ohms (Ω) | | | | Laird Technologies Solid Cylindrical Core Similar Parts (for reference) |
|---------------|-------|-------------------------------------|------------------|------------------|------------------|------------------------------------|--|-----------|-----------|---------|---|
| | | A | B | C | D | | @ 300 MHz | @ 500 MHz | @ 800 MHz | @ 1 GHz | |
| HFA100035-0A2 | 1 | 13.00 (0.511) | 3.50 (0.138) | 25.20 (0.992) | 11.50 (0.453) | 3.51 (0.138) | 172 | 192 | 190 | 150 | HFB100035-000 |
| HFA100049-0A2 | 1 | 13.72 (0.540) | 5.44 (0.214) | 30.56 (1.203) | 13.72 (0.540) | 4.88 (0.192) | 133 | 152 | 168 | 162 | HFB095051-200 |
| HFA150066-0A2 | 2 | 18.15 (0.715) | 7.05 (0.278) | 32.50 (1.280) | 18.90 (0.744) | 6.60 (0.260) | 274 | 350 | 340 | 256 | HFB143064-200 |
| HFA150068-0A2 | 1 | 21.00 (0.827) | 6.80 (0.268) | 41.70 (1.642) | 21.00 (0.827) | 6.76 (0.266) | 275 | 340 | 281 | 200 | HFB150070-200 |
| HFA163090-0A2 | 1 | 19.10 (0.752) | 9.09 (0.358) | 40.36 (1.589) | 20.80 (0.819) | 9.01 (0.355) | 210 | 260 | 262 | 200 | HFB160093-300 |
| HFA187102-0A2 | 2 | 22.28 (0.877) | 10.00 (0.394) | 32.77 (1.290) | 21.84 (0.860) | 10.16 (0.400) | 220 | 290 | 281 | 210 | HFB187102-100 |
| HFA259131-0A2 | 2 | 29.00 (1.142) | 13.00 (0.512) | 32.50 (1.280) | 29.62 (1.166) | 13.06 (0.514) | 250 | 315 | 272 | 200 | HFB259128-100 |

All impedance values for high frequency cores are NET; NET impedance is impedance of the ferrite core only. All impedance contribution from the test wire and fixtures has been removed.

-0A2 = Black Plastic Snap-On Case
 - Other parts may be available.
 Please contact Laird.

PLASTIC CASE SPLIT / SNAP-ON PART DIAGRAMS

Figure 1

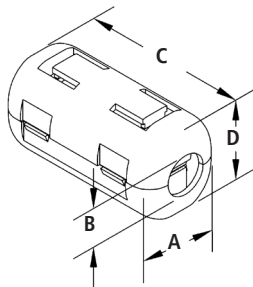


Figure 2

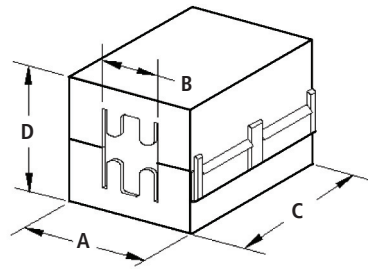


Figure 3

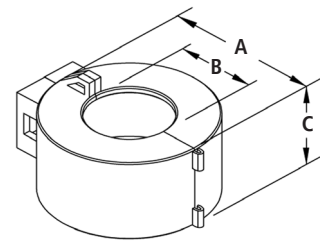


Figure 4

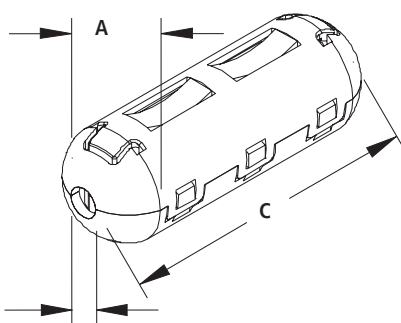


Figure 5

