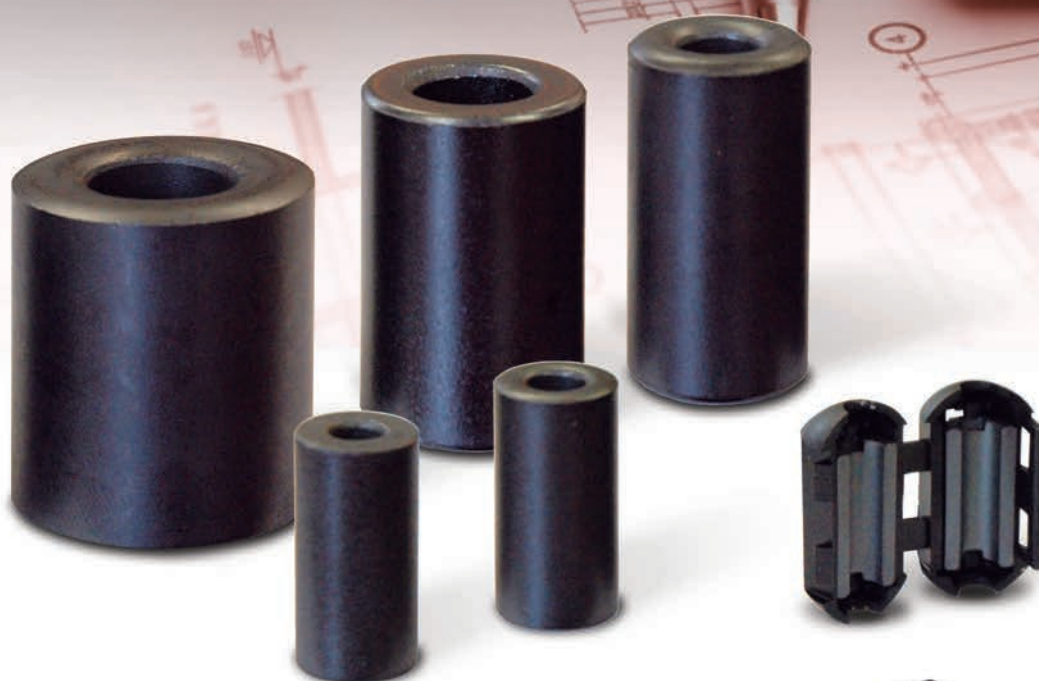




# CE83 MATERIAL FERRITES

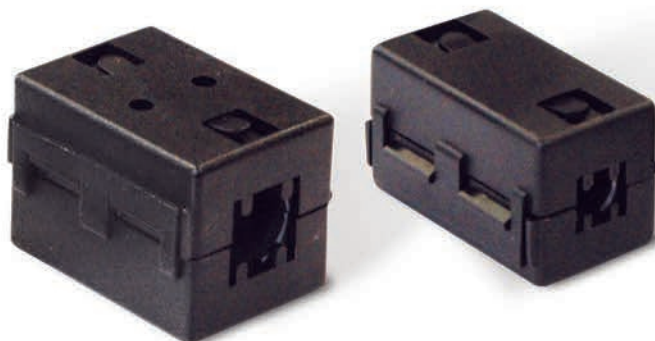
*Highly Optimized Wideband EMI/RFI Ferrite*

□ Solid & Split Core Variations | Targeted Frequency Range 10MHz-1GHz | Peak Impedance at 300MHz



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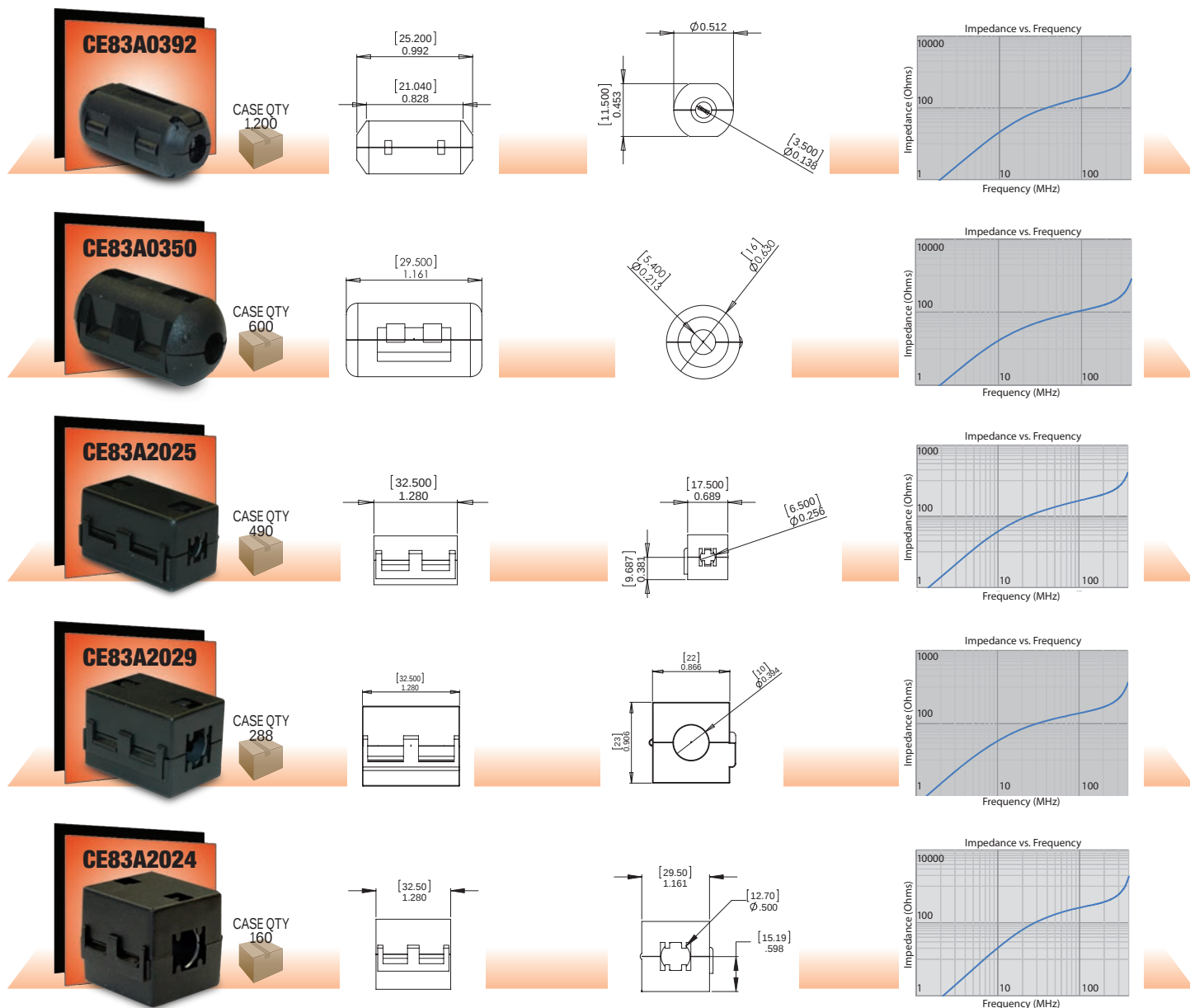
***The Leading Edge in EMI Shielding Technology***



## Plastic Case Split EMI Cable Cores

Wideband 10MHz-1GHz (300MHz peak)

*Sold in Case Quantity Only*

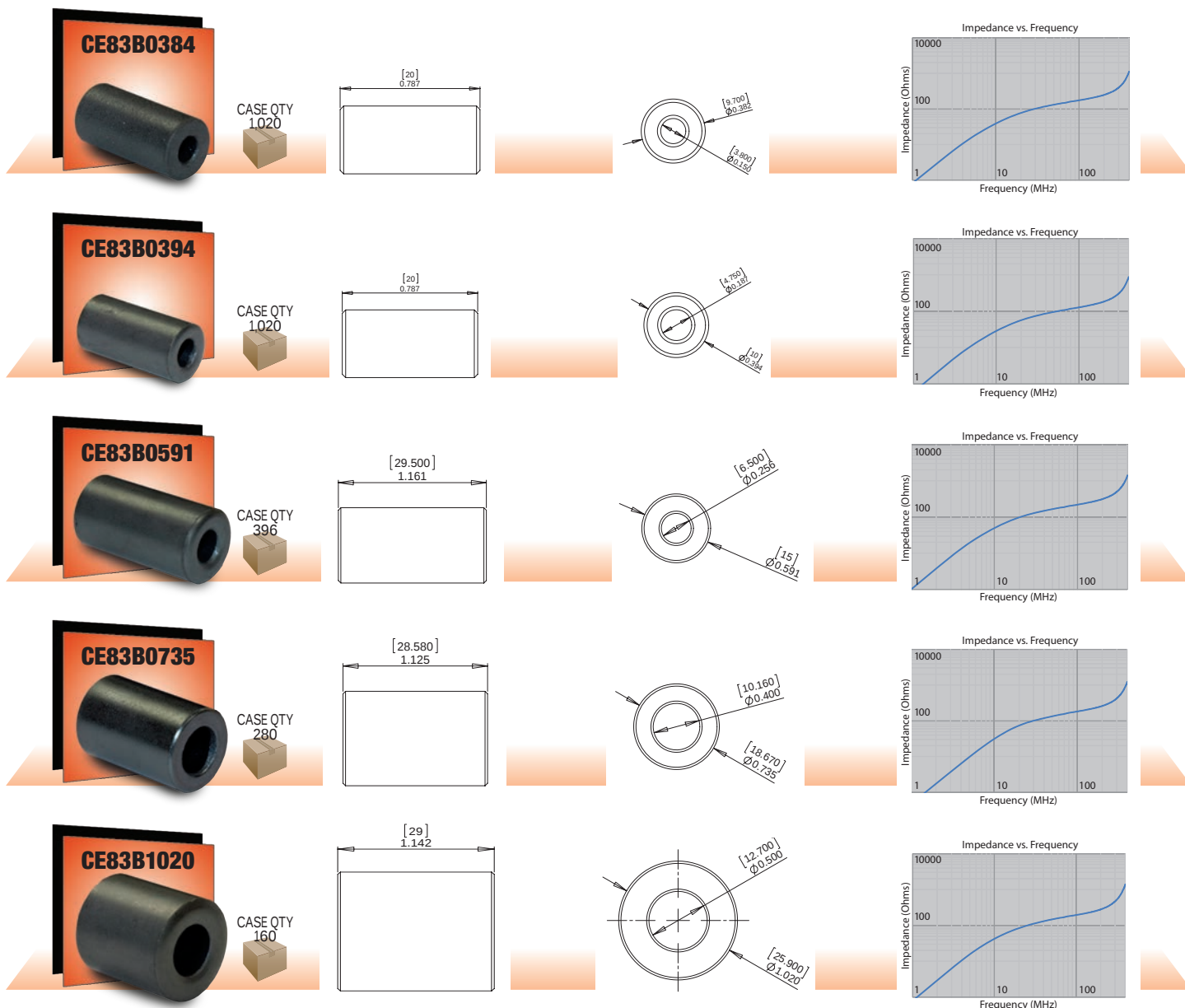


### Plastic Case Split EMI Cable Cores - Reduce Common Mode and Differential Mode EMI

| PART NUMBER | OD (outer diameter) | ID (inner diameter) | LENGTH       | Z@25MHz | Z@100MHz | Solid Core Equivalent |
|-------------|---------------------|---------------------|--------------|---------|----------|-----------------------|
| CE83A0392   | 0.512 (13,0)        | 0.138 (3,5)         | 0.992 (25,2) | 70      | 190      | CE83B0384             |
| CE83A0350   | 0.630 (16,0)        | 0.213 (5,4)         | 1.161 (29,5) | 45      | 110      | CE83B0394             |
| CE83A2025   | 0.689 (17,5)        | 0.256 (6,5)         | 1.280 (32,5) | 108     | 275      | CE83B0591             |
| CE83A2029   | 0.866 (22,0)        | 0.394 (10,0)        | 1.280 (32,5) | 86      | 190      | CE83B0735             |
| CE83A2024   | 1.161 (29,5)        | 0.500 (12,7)        | 1.280 (32,5) | 87      | 260      | CE83B1020             |

**Used on Internal or External Cables**  
**Wideband Frequency Range**  
**10MHz-1GHz (300MHz peak)**  
**Used on Power and Signal Cables**  
**Custom Sizes Available**  
**Nylon Plastic Case Enclosures**  
**Securely Fits to Various Size Cables**

*Parts shown are only a representative sample of available sizes. Additional sizes are available upon request.*

**Solid Round EMI Cable Cores***Wideband 10MHz-1GHz (300MHz peak)**Sold in Case Quantity Only***Solid Round EMI Cable Cores** - Reduce Common Mode and Differential Mode EMI

| PART NUMBER | OD (outer diameter) | ID (inner diameter) | LENGTH        | Z@25MHz | Z@100MHz | Split Core Equivalent |
|-------------|---------------------|---------------------|---------------|---------|----------|-----------------------|
| CE83B0384   | 0.382 (9,7)         | 0.150 (3,8)         | 0.787 (20,0)  | 90      | 180      | CE83A0392             |
| CE83B0394   | 0.394 (10,0)        | 0.187 (4,75)        | 0.787 (20,0)  | 70      | 130      | CE83A0350             |
| CE83B0591   | 0.591 (15,0)        | 0.256 (6,5)         | 1.161 (29,5)  | 115     | 216      | CE83A2025             |
| CE83B0735   | 0.735 (18,67)       | 0.400 (10,16)       | 1.125 (28,58) | 93      | 186      | CE83A2029             |
| CE83B1020   | 1.02 (25,9)         | 0.500 (12,7)        | 1.142 (29,0)  | 100     | 194      | CE83A2024             |

**Used on Internal or External Cables****Wideband Frequency Range  
10MHz-1GHz (300MHz peak)****Used on Power and Signal Cables****Custom Sizes Available**

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