

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Item # 28B0268-000, Broadband Solid Ferrite Cores for Round Cables and Wiring Harnesses



Broadband Solid Ferrite Cores for Round Cables and Wiring Harnesses

[Stock Locator](#)

Laird Technologies' Cylindrical EMI suppression ferrites provide a cost effective means of reducing common and differential mode EMI. These cores are most frequently used to suppress common mode EMI on the internal and external cable assemblies of electronic equipment. By decreasing the levels of EMI radiated by internal cables, ferrite cores can reduce the cost and amount of overall shielding required to confine EMI within a product's enclosure. They may also be successfully used on power cables that carry digital or analog signaling. To achieve maximum EMI filtering performance in a given application, select a ferrite with an inner diameter most closely matching the outer diameter of the wire or wire bundle to be filtered. The in-circuit impedance may be substantially increased by passing 2 turns of the wire conductor through the ferrite core. A typical common mode application might have two conductors passed through a ferrite core. With equal and opposite currents flowing through the core, zero net bias is established through the component, and maximum impedance is thus realized from the ferrite.



SPECIFICATIONS

Figure Number	1
Typical Z Ohms at 25 MHz	65
Nominal Z Ohms at 100 MHz	138
Typical Z Ohms at 300 MHz	260
Dimension A	6.78 mm 0.267 in
Dimension B	3.99 mm 0.157 in
Dimension C	14.22 mm 0.560 in
Material Type	Broad Band Material
Product Type Code	Round Cylindrical Cores

Part Size Code	0268
Additional Description	Standard Part