

Automotive Ferrite EMI Solutions



- Control Area Networks (CAN)– two wire control data bus; engine control modules; electric drivetrain; chassis; drive-by-wire
- Safety Systems air bags; passenger occupancy detection; anti-lock brakes; remote tire pressure sensing; safety control module; drowsiness monitors
- Security Systems telematic navigation; remote and passive keyless entry
- DC motors cooling fan; windshield wipers; power seats, windows, mirrors, sun roof, antenna, etc.
- Miscellaneous active suspension; power supplies; instrumentation; entertainment systems; speed sensors; moisture sensing wipers



Laird Technologies' Rods

Laird Technologies offers an extensive range of rod sizes in three standard ferrite materials.

Features:

Standard sizes and materials to cover the gamut of automotive requirements. Custom sizes can be tooled quickly. Custom features such as slotted or notched ends can be produced. Standard

materials available for ferrite rods include Laird Technologies' 55 and 28 (250 and 850 perm).

Applications:

EMI suppression for spark ignition coils and DC motors. RFID coils for passive keyless entry. Transmitter/receiver antenna for remote.

Part Number	Part OD mm (inches)	Length Range mm (inches)	Part Number
M0079-X00	2.00 (0.079)	12.00 (0.472)	M0185-X00
M0087-X00	2.40 (0.094)	8.0 - 20.0 (0.315 - 0.787)	M0197-X00
M0099-X00	2.50 (0.099)	8.0 - 16.0 (0.315 - 0.630)	M0209-X00
M0110-X00	2.80 (0.110)	8.0 - 20.0 (0.315 - 0.787)	M0236-X00
M0118-X00	3.00 (0.118)	8.0 - 20.0 (0.315 - 0.787)	M0250-X00
M0150-X00	3.30 (0.150)	8.0 - 20.0 (0.315 - 0.787)	M0256-X00
M0130-X00	3.85 (0.152)	8.0 - 30.0 (0.315 - 1.181)	M0315-X00
M0158-X00	4.00 (0.158)	10.0 - 25.0 (0.394 - 0.984)	M0394-XX0

Part Number	mm (inches)	mm (inches)
M0185-X00	4.70 (0.185)	10.0 - 20.0 (0.394 - 0.787)
M0197-X00	5.00 (0.197)	7.0 - 30.0 (0.275 - 1.181)
M0209-X00	5.30 (0.209)	7.0 - 20.0 (0.275 - 0.787)
M0236-X00	6.00 (0.236)	15.0 - 30.0 (0.591 - 1.181)
M0250-X00	6.35 (0.250)	15.0 - 35.0 (0.591 - 1.378)
M0256-X00	6.50 (0.256)	15.0 - 30.0 (0.591 - 1.181)
M0315-X00	8.00 (0.315)	15.0 - 35.0 (0.591 - 1.378)
M0394-XX0	10.00 (0.394)	15.0 - 40.0 (0.591 - 1.575)

Part OD Length Range

Partial list of standard rod sizes.

www.lairdtech.com



