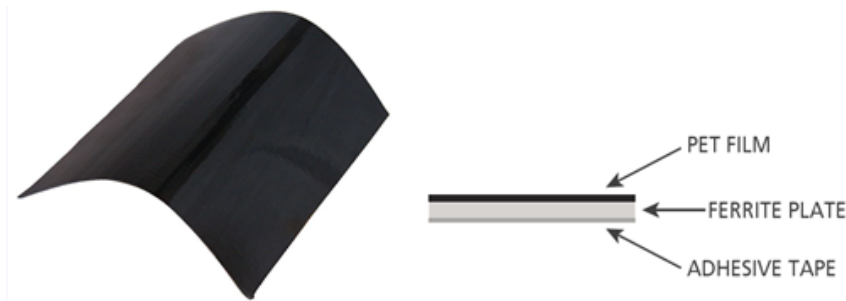


38M1010AA1212



Part Number: 38M1010AA1212

Material Grade	M1
Sheet Size	120 x 120 mm
Ferrite Thickness	0.1 mm
Total Thickness	0.13 mm



		Typical Shielding Effectiveness (dB): Test Method as noted -> **, ***				
PARTNUMBER	Material	1MHz**	6.78MHz**	13.56MHz**	100MHz***	300MHz***
38M1010AA1212	M1	1.6	1.6	1.6	1.7	1.5

** Shielding Effectiveness (SE) at 1 -50MHz : measured using IEC 6233-2 Rde Inter Decoupling Ratio method (loop to loop distance= 6mm).

This method is meaningful as a measure of decoupling effectiveness circuit to circuit or to metal surfaces (plane to plane).

*** Shielding Effectiveness (SE) at 100MHz + : measured using IEC 6233-2 Rrs Radiation Suppression Ratio method (50- ohm Microstripline).

This method is meaningful as a measure of shielding for radiated emissions of "antennas".

Equipment Used:

- E5072A Vector Network Analyzer (30kHz – 8.5 GHz)
- HP4291A RF Impedance/ Material Analyzer (1MHz-3GHz)
- E4991A with 16453A Dielectric Test Fixture

HP4284A for Temperature testing
 25mm diameter slotted loop antennas
 50-ohm Micro- Stripline Test Fixture

