



# Microwave Absorber Sheet

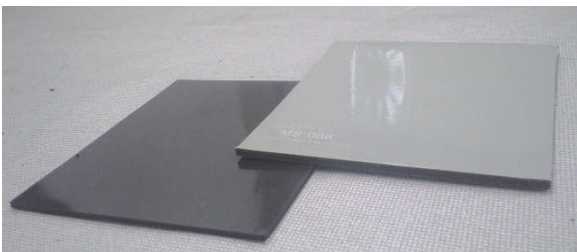


MS-058 through 940 provides excellent absorption performance at normal and grazing incidence over frequencies from 5.8 GHz to 94 GHz. Small lots are available for use at frequencies not listed below.

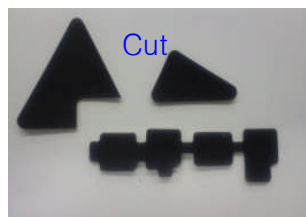
1. High RF absorption at grazing and normal incidence.
2. Light weight. Conformable.

Product No.	Frequency	Absorb Performance	Thickness	Application
MS-058	5.8 GHz	-25 dB <	2.7 mm	ETC-DSRC
MS-100	10 GHz	-20 dB <	1.4 mm	X-band Radar
MS-240	24 GHz	-20 dB <	2.0 mm	Near field radar
MS-600	60 GHz	-20 dB <	2.2 mm	High Speed W-LAN
MS-760	76 GHz	-20 dB <	1.6 mm	Vehicle-Vehicle radar
MS-940	94 GHz	-20 dB <	2.1 mm	Millimeter wave imaging
MS-760KW	10 ~ 76 GHz	-5 dB <	1.0 mm	Millimeter wave Noise

## <Custom made by frequency and shape>



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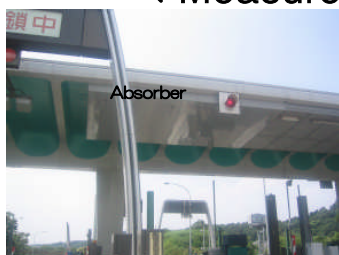


16GHz Microwave Circuit Noise Reduction



18GHz Microwave Connector Cover

## < Measurement, Design and Work on site >



Reflection Reduction at 5.8GHz ETC Toll Booth



Reflection Reduction at 6.3GHz Antenna



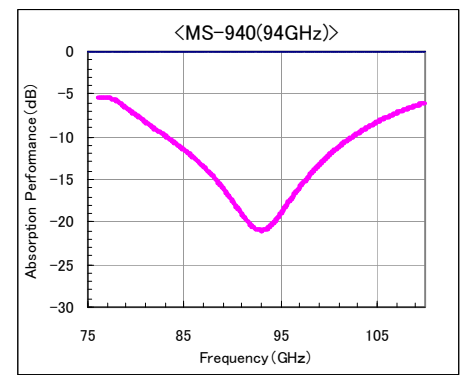
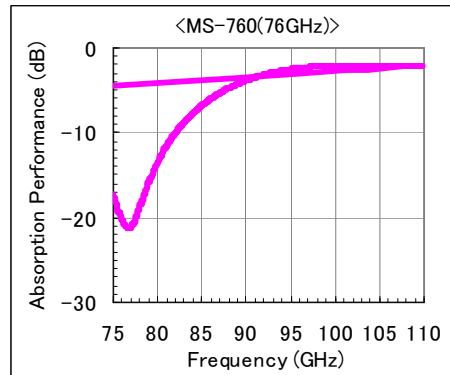
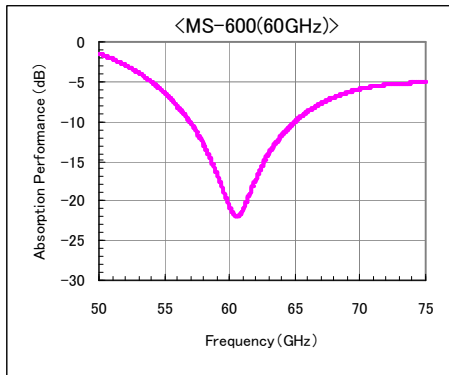
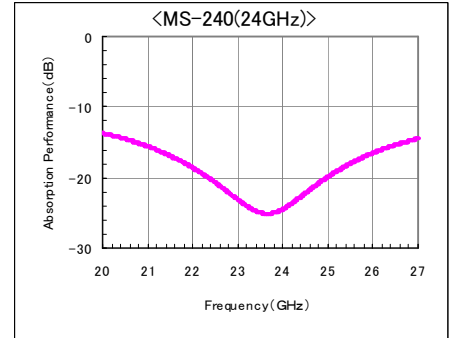
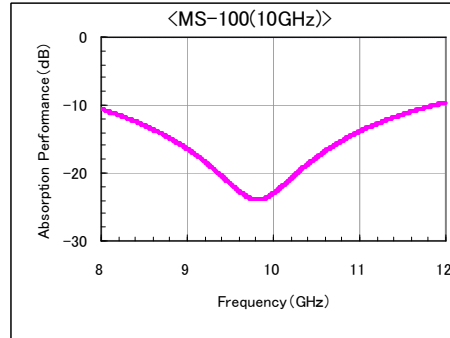
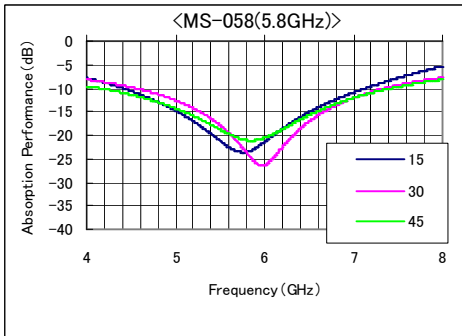
ETC Toll Booth 5.8GHz Measure



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## <Absorption Performance>

(Measured by NRL Arch method)



## <Specifications>

Product No.	MS-058	MS-100 MS-240 MS-380	MS-600 MS-760 MS-940	MS-760KW
Materials	EPDM AL. Foil	EVA AL. Foil	EPDM AL. Foil	EVA
Standard Size	500mm*1000mm	210mm*290mm	100mm*100mm	100mm*100mm
Weight	7.6kg/m <sup>2</sup>	3.6kg/m <sup>2</sup>	6kg/m <sup>2</sup>	4kg/m <sup>2</sup>
Operating Temp.	-30 ~ 85 C			

Values in graph are measured values and not guaranteed.