

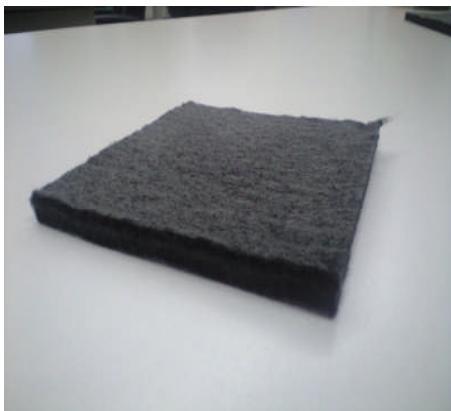


Millimeter wave Broad Absorber Panel



MS-ES consists of non-woven polyester cloth with conductive polymer coating. It absorbs RF at frequencies from 2 GHz to 94 GHz at normal as well as at grazing incidence.

1. Broad band absorption : 2 GHz to 94 GHz
2. Excellent absorption at grazing and normal incidence
3. Light weight. Conformable.
4. Use of multiple layers widens frequency range.



Absorb Layer



With Cover & Frame for outdoor use



Shield Box with millimeter wave absorber

Product No.	MS-ES27	MS-ES21	MS-ES15
Frequency range	2 - 94 GHz	20 - 94 GHz	60 - ~ 94 GHz
Thickness	27mm	21mm	15mm
Surface resistance	3×10^2		
Panel size	500mm * 500mm <u>Roll stock up to 1000mm wide available on request</u>		
Materials	Polyester non-woven cloth, Conductive Polymer, AL. foil		
Weight	1.5 kg / panel	1.2 kg / panel	0.8 kg / panel
Operating Temperature	-30C - 85C		



Millimeter wave Broad Absorber Panel

<Absorption Performance>

(Measured by NRL Arch method)

