

Material	Thickness (nm)	Minimum RL(dB)	EAB(GHz)	Ref.
Fe/SiC/PCS	2.25	-46.3	4.6(<-20dB)	[1]
MXene	2.7/2.1	-54.1(2.7)	7.76(2.1)	[2]
Fe/Co@C-CNFs	1.08/1.22	-18.66(1.08)	4.2(1.22)	[3]
PAN/Fe <sub>3</sub> O <sub>4</sub>	4	-11.3	7	[4]
TiN/carbon-paraffin composites	1.9	-41.8	3.9	[5]
SiC	1.9	-57.8	12	[5]
ZnO/Co	3.0/2.6	-68.4(3.0)	5.9(2.6)	[6]
P-CNF/Fe	4.1	-44.86	3.28	[7]
CeO <sub>2</sub> /NC	2.5	-42.95	8.48	[8]
Zr/SiC	3.5	-48.6	3.2	[9]
ZrC	1.25/1.0	-25.77(1.25)	3.04(1.0)	[10]
ZrO <sub>2</sub> /ZrC/ZrB <sub>2</sub>	2.4	-21	8.64	[11]
ZrO <sub>2</sub> /ZrB <sub>2</sub> /C	4.0	-54	3.1	[12]
ZS-HNFA-x	2.4	-53.2	6.4	[13]
ZrO <sub>2</sub> /CF-rGO	3.14	-62.99	8.19	[14]
ZrO <sub>2</sub> /C	2.5	-36	7.3	[15]

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