

Knitted Cored Mesh

KE Series



Specifications - Wire:

Monel – BS3075	BS3075- NA13	(0.11mm diameter)
Aluminium 5056	AMS 4182	(0.13mm diameter)
TCS (Tinned Copper Steel)	ASTM B520	(0.11mm diameter)
Stainless Steel	Alloy 304	(0.13mm diameter)

Specifications - Core:

Silicone Sponge	AMS 3195
Silicone Solid	ZZ-R-765
Neoprene Sponge	Mil-R-6130
Neoprene Solid	Mil-R-6855

Mechanical Performance

Temperature range depends on elastomer used

Silicone -65°C to 260°C

Neoprene -40°C to 107°C

Tolerances General $\pm 0.8\text{mm}$ on all dimensions

Attenuation Performance (dB)

Frequency	Field	Monel	Aluminium	TCS	Stainless Steel
10KHz	H	45	40	60	40
100KHz	H	49	45	65	44
1MHz	H	60	60	85	58
1 MHz	E	125	125	125	125
10MHz	E	120	120	100	120
100MHz	E	100	100	108	100
400MHz	P	98	95	99	94
1GHz	P	85	76	78	76
10GHz	P	80	65	62	60