



E-Song America, Inc.

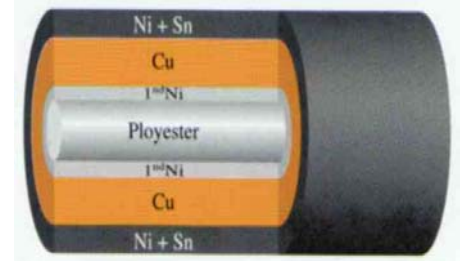
100%
RoHS Compliant
Products

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BLACK NiSn-PLATED CONDUCTIVE FABRIC

Characteristic

This fabric is great against finger-prints, stain, and dust, and cuts down light reflection. It has good shielding effectiveness with improved permeability, less light reflection.



Technical data

PART NO.		MEA-80-PCNR	MEA-130-PCNR	MEA-200-PCNR		
Type		Mesh Fabric	Mesh Fabric	Mesh Fabric		
Surface Color		Black	Black	Black		
Base Fiber		Polyester	Polyester	Polyester		
Plating Type		Black-Plating	Black-Plating	Black-Plating		
Plating Material		Ni + Cu + (Ni/Sn)	Ni + Cu + (Ni/Sn)	Ni + Cu + (Ni/Sn)		
Max. Width (mm)		1070 ±10	1070 ±10	1070 ±10		
Density	Warp	90 ±2	140 ±2	200 ±2		
	Weft	86 ±2	120 ±2	204 ±2		
Weight (g/m ²)		34 ±3	36 ±3	48 ±3		
Thickness (mm)		0.105 ±0.005	0.09 ±0.005	0.09 ±0.005		
Breaking Strength (N)	Warp	192.3 ±10	199.8 ±10	294.8 ±10		
	Weft	182.5 ±10	189.7 ±10	281.2 ±10		
Elongation (%)	Warp	31.4 ±5	31.7 ±5	32.9 ±5		
	Weft	30.7 ±5	30.7 ±5	30.2 ±5		
Surface Resistance (Ω/inch ²)	Max.	1	1	1		
	Min.	0.05	0.05	0.05		
	Avg.	<0.15	<0.1	<0.08		
Shielding Effectiveness (dB), 500 MHz	Max.	70	70	70		
	Min.	30	30	30		
	Avg.	>54	>56	>58		

ENVIRONMENTALLY HAZARDOUS SUBSTANCE TEST RESULTS	Lead (Pb)	ND	ICP-AES
	Cadmium (Cd)	ND	ICP-AES
	Mercury (Hg)	ND	ICP-AES
	Hexavalent Chromium (Cr VI)	ND	UV-Vis
	PBBs	ND	GC/MS

*ND=not detected.

(SGS Testing, Korea)