

Test Item	Test Method	Unit	IPC Standard	Typical Value	
				2018DT	4012DT
Peel Strength 90°	IPC-TM-650, No. 2.4.9 Method A	N/mm	0.525	0.9	0.7
	Method C		0.525	0.9	0.7
Thermal Stress	IPC-TM-650, No. 2.4.13	-	Pass	Pass	Pass
Dimensional Stability	IPC-TM-650, No. 2.2.4 Method B	%	±0.2	MD:-0.149 TD:-0.143	MD:-0.121 TD:-0.119
Chemical Resistance	IPC-TM-650, No. 2.3.2	%	80	96	98
Moisture Absorption	IPC-TM-650, No. 2.6.2	%	1.0	0.22	0.18
Volume Resistivity	IPC-TM-650, No. 2.5.17	M -cm	10 ⁶	4.7×10 ⁸	4.8×10 ⁸
Surface Resistance	IPC-TM-650, No. 2.5.17	M	10 ⁴	1.2×10 ⁵	1.8×10 ⁶
10GHz Dielectric Constant	SPDR	-	--	2.49	

SF224

SF224 Composite fluoro resin flexible copper clad laminate

Product Code Description



SPECIFICATIONS OF STANDARD PRODUCTS

Specifications	M		Copper Type	Applications
	Composite film	Copper Foil		
SF224 2012DT	50	12	RTF	Smart phone antenna, Microwave communication, high speed network equipment etc.
SF224 2018DT	50	18	RTF	
SF224 3012DT	75	12	RTF	
SF224 3018DT	75	18	RTF	
SF224 4012DT	100	12	RTF	
SF224 4018DT	100	18	RTF	

PURCHASING INFORMATION

250+2/-0mm 400mm 480mm 100

SF224 is supplied in sheet packaging, with a width of 250+2/-0mm, and a length of 400mm or 480mm, with 100 sheets per pack. Other sizes could be available upon request.

STORAGE CONDITION

5~35 75%

Stored in dry room with humidity control and with no corrosive gases. One year when stored in the original packaging at temperature 5~35 humidity lower than 75%.