ROGERS CORPORATION

RO3003G2™

RO3003G2™ PTFE RO3003™

VLP ED 10GHz 77GHz 3.00 3.07 RO3003G2 5mil 77GHz 1.3dB/inch

PTFE

“ RO3000® ”

- VLP ED
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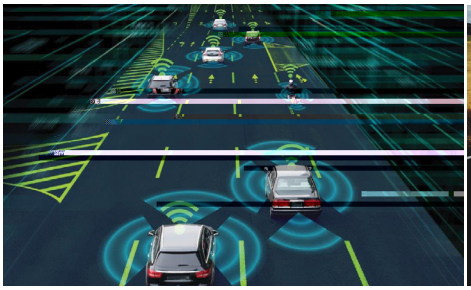

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5mil RO3003G2™ RO3003™ Dk

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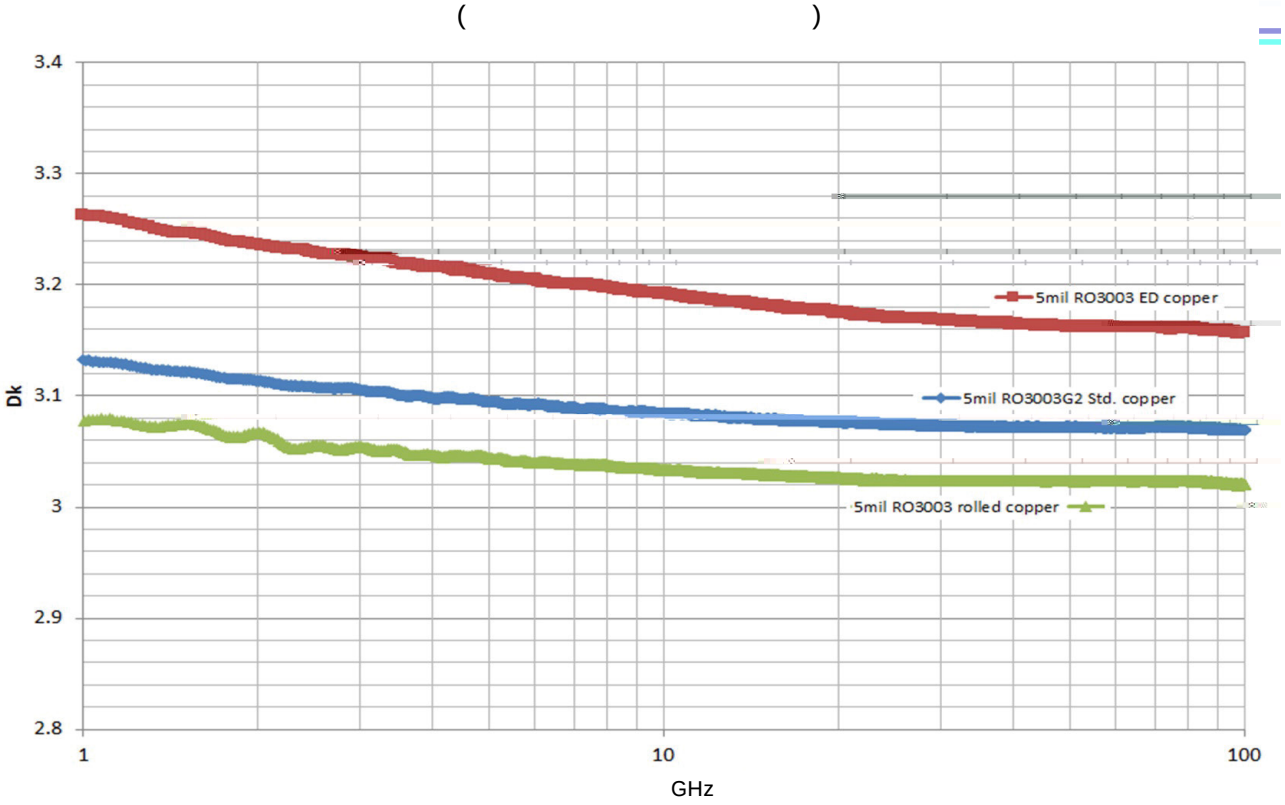
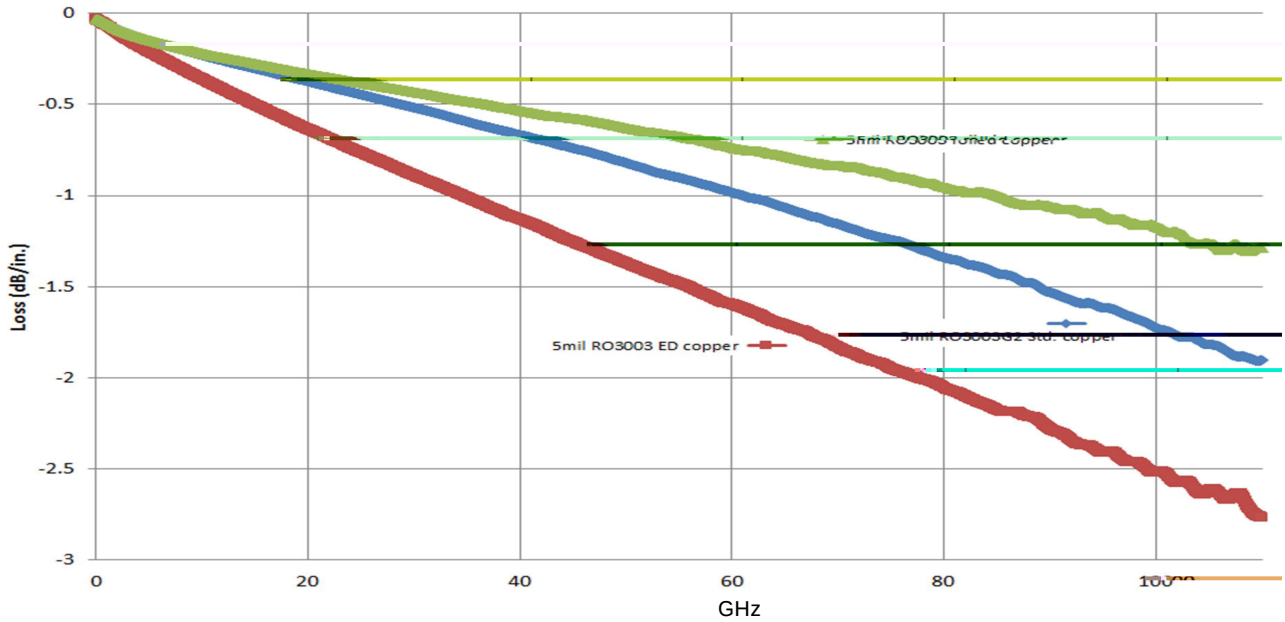


5mil RO3003G2™ RO3003™



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	[1]				
εr	3.00±0.04			10GHz 23°C	IPC-TM-650 2.5.5.5
[2] εr	3.07			77GHz	
tanδ	0.0011			10GHz 23°C	IPC-TM-650 2.5.5.5
εr	-35		ppm/°C	10GHz-50 150°C	IPC-TM-650 2.5.5.5
	-0.16 -0.14		mm/m	Method C	IPC-TM-650 2.2.4
	1.4 X 10		MΩ•cm	COND A	IPC 2.5.17.1
	2.6 X 10^8		MΩ	COND A	IPC 2.5.17.1
	378 396		Mpa	23	ASTM D638
	0.06			D48/50	IPC-TM-650 2.6.2.1
	0.73 0.83		J/g/°K	0 50	ASTM E1269-11
	0.43		W/m/°K	50	ASTM D5470
	16 17 18		ppm/°C	23 /50% RH	IPC-TM-650 2.4.41
Td	500		°C TGA		ASTM D3850
	2.15		gm/cm	23	ASTM D792
	16.5		lb/in	½ oz. EDC	IPC-TM-2.4.8
	Pending				UL94

[1]

[2] Dk

www.rogerscorp.com/acm/technology

Sq		
0.7μm sq	2.77	0.2μm

0.005 0.13 0.010 0.25	24X18 610 X457 24X21 610 X533	½ oz. (18μm) 1 oz. (35μm)

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RO3000 RO3003 RO3003G2 Helping power, protect, connect our world Rogers Corporation
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28
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