



Part Number		Item Number	
V25228S4		2.5C-2V Coaxial Cable 4 Core	
Nominal Attenuation			
Frequency (MHz)		dB/100'	dB/100m
1		0.45	1.48
10		1.53	5.02
50		3.45	11.33
100		4.92	16.15
200		7.03	23.07
400		10.08	35.308
700		13.53	44.40
900		15.48	50.78
1000		16.36	53.69
Electrical Properties			
Conductor Resistance	$\Omega/100M$		11.2
Dielectric Resistance	$M\Omega/M$		Min 5000
Spark Test	V AC		1750
Jacket Spark Test	V AC		1750
Dielectric Withstand Test	V AC		1500 (at least 2 sec)
Impedance	Ω		75 ± 3
Capacitance	pF/100m		68 ± 3

VOP (1 MHz - 1000 MHz)	%	70.3 at 1 GHz
VSWR (MHz)	%	1.02 at 1 GHz

Physical Property				
<i>Insulation</i>				
	Tensile Strength	Unaged	Psi	2133
		Aged	%	82
	Elongation	Unaged	%	566
		Aged	%	82
	Concentricity	-	%	92
	Strip Force	-	-	PASS
<i>Jacket</i>				
	Tensile Strength	Unaged	Psi	2201
		Aged	%	85
	Elongation	Unaged	%	277
		Aged	%	88
	Concentricity	-	%	92
	Strip Force	-	-	PASS
	Jacket Thickness	-	mm	0.52 ± 0.1 (inner) 1.35 ± 0.1 (outer)
RoHS Test				
Cadmium (Cd)	ppm	ND		
Lead (Pb)	ppm	ND		
Mercury (Hg)	ppm	ND		
Chromium VI (Cr + 6)	ppm	ND		
PBBs (Polybrominated biphenyls)	ppm	ND		

PBBs (Polybrominated biphenylenters)

ppm

ND