



Part Number		Item Number	
<b>V25228S8</b>		2.5C-2V Coaxial Cable 8 Core	
Conductor		Insulation	
<b>Composition (No./M)</b>	1/0.4 ± 0.008 mm	Material	Poly Ethylene
<b>Material</b>	Bare Copper	Thickness	1.05 ± 0.05
<b>Outside Diameter (mm)</b>	0.40	Nominal Diameter (mm)	2.4 ± 0.2
<b>AWG (Stranding)</b>	26		
Outer Shield		Inner Shield	
<b>Material</b>	Bare Copper	Material	-
<b>Construction</b>	16/6/0.102 ± 0.008 mm	Construction	-
<b>picks/inches</b>	11	picks/inches	-
<b>Coverage</b>	>96%	Coverage	-
Jacket/Sheath		Nominal Capacity	
<b>Material</b>	PVC	pf/Ft	21.3 ± 3
<b>Diameter</b>	17.2 ± 0.2 (4 x 8 )	pf/m	70 ± 3
<b>Color</b>	Dark Grey	-	-
Nominal Velocity of Propagation		Nom. Impedance	
<b>66.00%</b>		75 ± 3	
Nominal Attenuation			
Frequency (MHz)	dB/100'		dB/100m
<b>1</b>	0.45		1.48
<b>10</b>	1.53		5.02
<b>50</b>	3.45		11.33
<b>100</b>	4.92		16.15
<b>200</b>	7.03		23.07
<b>400</b>	10.08		35308

<b>700</b>	13.53	44.40
<b>900</b>	15.48	50.78
<b>1000</b>	16.36	53.69
<b>Electrical Properties</b>		
<b>Conductor Resistance</b>	$\Omega/100M$	11.2
<b>Dielectric Resistance</b>	$M\Omega/M$	Min 5000
<b>Spark Test</b>	V AC	1750
<b>Jacket Spark Test</b>	V AC	1750
<b>Dielectric Withstand Test</b>	V AC	1500 (at least 2 sec)
<b>Impedance</b>	$\Omega$	$75 \pm 3$
<b>Capacitance</b>	pF/100m	$68 \pm 3$
<b>VOP (1 MHz - 1000 MHz)</b>	%	70.3 at 1 GHz
<b>VSWR (MHz)</b>	%	1.02 at 1 GHz