



V25228S6		2.5C-2V Coaxial Cable 6 Core	
Conductor		Insulation	
Composition (No./M)	1/0.4 ± 0.008 mm	Material	Poly Ethylene
Material	Bare Copper	Thickness	1.05 ± 0.05
Outside Diameter (mm)	0.40	Nominal Diameter (mm)	2.4 ± 0.2
AWG (Stranding)	26		
Outer Shield		Inner Shield	
Material	Bare Copper	Material	-
Construction	16/6/0.102 ± 0.008 mm	Construction	-
picks/inches	11	picks/inches	-
Coverage	>96%	Coverage	-
Jacket/Sheath		Nominal Capacity	
Material	PVC	pf/Ft	21.3 ± 3
Diameter	17.2 ± 0.2 (4 x 8)	pf/m	70 ± 3
Color	Dark Grey	-	-
Nominal Velocity of Propagation		Nom. Impedance	
66.00%		75 ± 3	
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		35308
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		$\mu F/100m$		68 ± 3
VOP (1 MHz - 1000 MHz)		%		70.3 at 1 GHz
VSWR (MHz)		%		1.02 at 1 GHz
Physical Property				
Insulation	Tensile Strength	Unaged	Psi	2133
		Aged	%	82
	Elongation	Unaged	%	566
		Aged	%	82
	Concentricity	-	%	92
	Strip Force	-	-	PASS

Jacket

Tensile Strength

Unaged

Ps