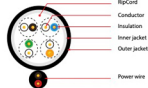




▪ CAT5e WITH POWER WIRE 0.75 sq.mm. DOUBLE JACKET



Product Code : 103-CSS100PW-S
103-CSS300PW-S

Data Specifications	
Conductor:	Material Solid CCA
	Diameter 24AWG
Insulation:	Material HD-PE
	Thickness 0.19 mm.
	Diameter 0.90 ± 0.02 mm.
	Colors Orange/white-Orange Green/white-Green Blue/white-blue Brown/white-Brown
Twist Pair:	A. 13.5mm Orange/white-Orange
	B. 15.5mm Green/white-Green
	C. 17.5mm Blue/white-blue
	D. 19.5mm Brown/white-Brown
Power Wire (Dc):	Material 2x24x(0.21±0.005) CCA
	Thickness 0.5 ± 0.1mm
	Diameter 2.0mm ± 0.1
Inner jacket:	Material White PVC
	Thickness 0.05 ± 0.01mm
	Diameter 5.1 ± 0.1mm
Outer Jacket:	Material Black PVC
	Thickness 0.5 ± 0.1mm
	Diameter 12 ± 0.5mm x 5.3 ± 0.2mm



KST SYSTEM

Electrical Characteristics				
Temperature Rating	75°C			
Spare Test	2000 ± 250V			
Dielectric Strength	2500V dc/3 seconds			
Insulation Resistance	MIN 150MΩ/KM			
Conductor Resistance	MAX 300/100m at 20 °C			
Resistance Unbalance	MAX 5%			
Capacitance Unbalance	MAX 300pf/100M			
Mutual Capacitance	MAX 560pf/100M			
Impedance	64kHz	125 ± 2%		
	1-250MHz	100 ± 1%		
Attenuation & Near end cross-talk	Frequency	Attenuation (dB/100M at 20 °C) MAX	Next (dB) MIN	Power Sum (dB) MIN
	1MHz	4.6*	66.0*	64.0*
	4MHz	7.2*	65.3*	63.3*
	10MHz	9.1*	59.3*	57.3*
	16MHz	10.2*	56.2*	54.2*
	20MHz	12.8*	54.8*	52.8*
	31.25MHz	18.6*	51.9*	49.9*
	62.5MHz	23.9*	47.4*	45.4*
	100MHz	30.4*	44.3*	42.3*
	155MHz	35.1*	41.4*	39.4*
	200MHz	39.6*	39.8*	37.8*
	250MHz		38.3*	36.3*

