

COAXIAL AND NETWORK CABLE



CAT6 WITH POWER WIRE 0.75 sq.mm. DOUBLE JACKET



Product Code : 103-CS6100PW-S
103-CS6300PW-S

Data Specifications

Conductor:	Material	Solid CCA
	Diameter	23AWG
Insulation:	Material	HD-PE
	Thickness	0.19 mm.
	Diameter	0.99±0.02 mm.
	Colors	Blue/white-blue
		Orange/white-Orange
Twist Pair:		Green/white-Green
		Brown/white-Brown
	A. 12.4mm	Blue/white-blue
	B. 16.35mm	Orange/white-Orange
	C. 11.7mm	Green/white-Green
Power Cords:	D. 19.6mm	Brown/white-Brown
		2C*0.75 sq.mm. (DC)
Inner Jacket:	Material	PVC
	Thickness	0.5±0.01mm
	Diameter	6.0±0.15mm
Outer Jacket:	Material	PVC
	Thickness	0.5±0.01mm
	Diameter	12.0±0.15mm

Electrical Characteristics

Temperature Rating	75°C			
Splice Test	2000±250V			
Dielectric Strength	2500V dc/3 seconds			
Insulation Resistance	MIN 150MQ/KM			
Conductor Resistance	MAX 30Ω/100m at20°C			
Resistance Unbalance	MAX 5%			
Capacitance Unbalance	MAX 3.0pF/100M			
Mutual Capacitance	MAX 56.0pF/100M			
Impedance	125Ω±20%			
Mutual Capacitance	1~250MHz 1000±15%			
Attenuation & Near end cross-talk	Frequency	Attenuation (dB/100M at20 °C) MAX	Test (dB) MIN	Power Sum (dB) MIN
	1MHz	*	66.0*	64.0*
	4MHz	4.6*	65.3*	63.3*
	10MHz	7.2*	59.3*	57.3*
	16MHz	9.1*	56.2*	54.2*
	20MHz	10.2*	54.8*	52.8*
	31.25MHz	12.8*	51.9*	49.9*
	62.5MHz	18.6*	47.4*	45.4*
	100MHz	23.9*	44.3*	42.3*
	125MHz	30.4*	41.4*	39.4*
	200MHz	35.1*	39.8*	37.8*
	250MHz	39.6*	38.3*	36.3*

