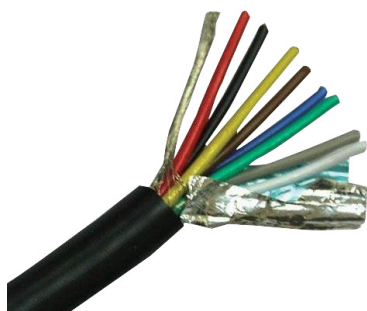


Cable Multicore

pro-POWER

RoHS
Compliant



Product Description:

Application	For communication and signal control systems
Reference Standard	Customer's sample spec. and the general standard
Multi- construction	A (Coaxial) + B (3 Cores)

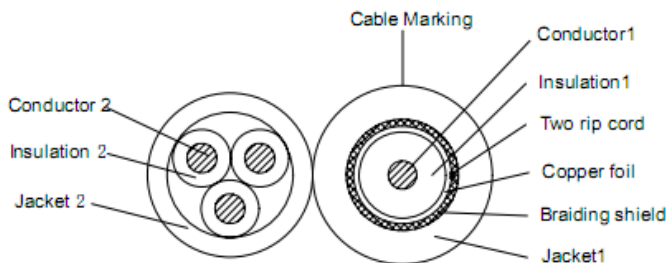
Cable Construction:

Conductor	A (Coaxial)	B (3 Cores)
AWG	-	22
Material	Bare Copper	Tinned Copper
Construction	1 ±0.015	T0.254 ±0.008 × 7
Standard Dia. (mm)	1	0.77
Insulation Layer	Foam PE	PVC
Thickness(mm)	1.78	0.54
Insulation Dia. (mm)	4.57 ±0.15	1.86 ±0.1 × 3C
Insulation Color	Natural	Red ; White; Blue
Cu-Foil (40u)	≥115%	-
Braiding	Bare Copper	-
Construction(mm)	0.15 ±0.003 × 16 × 6	-
Braid coverage(%)	65%	-
Jacket	PVC	
Thickness(mm)	0.8	
Dia.(mm)	6.75 ±0.2	5.7 ±0.2
Jacket Colour	Black	
Marking (white ink, On the coaxial cable)	SAT1003 cable ww/yy +Meter marking	
Packaging	100m/Reel	

Electrical Characteristics

Max.Conductor DC Resistance at 20°C (Ω/Km)	
A	23.7
B	52.5
Insulation DC Resistance at 20°C (MΩ*KM)	
>500	
Rated Temperature(°C)	
80	
Rated Voltage(V)	
300	
Capacitance(pF/m) (Coaxial)	
56	
Velocity ratio (Coaxial)	
80%	
Impedance(Ω) (Coaxial)	
75±3	
Attenuation at 20°C (dB/100m)(+/-15%)	
100 MHz	6.1
400 MHz	12.5
800 MHz	18.2

Design:



Part Number Table

Description	Part Number
Multicore, 4 Core, 100m, 300V, Black	3741

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