

SAT1003 cable



Part NO: RGW-1574

Product Code: SAT1003 cable

Product Description

Application:

For communication and signal control systems.

Reference Standard

Customer's sample spec.and the general standard

Multi-construction

A(Coax)+B (3 Cores)

Cable Construction

Conductor	A (Coax)	B (3 Cores)
AWG	-----	22
Material	Bare Copper	Tinned Copper
Construction	1.0±0.015	T0.254±0.008x7
Standard Dia. (mm)	1.00	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±0.003x16x6	-----
Braid coverage(%)	65%	-----
Jacket	PVC	PVC
Thickness(mm)	0.8	0.8
Dia.(mm)	6.75±0.2	5.7±0.2

Jacket Color **BLACK**

Marking (white ink, On the coaxial cable)

SAT1003 cable ww/yy +Meter marking

PACKAGING

100M/Reel

RoHS GUIDELINE

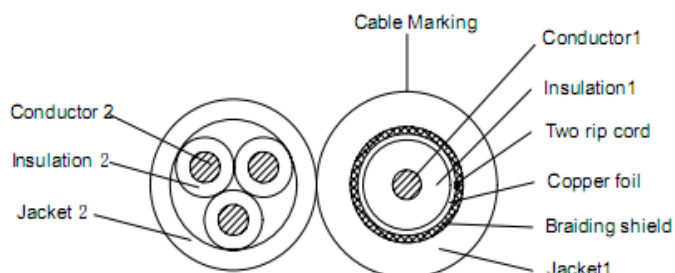
We operate according to the following standards

Control Item	Standard	Testing Method	Testing Equipment
Cadmium content (Cd)	<0.01%	EN1122	ICP-AES
Lead content (Pb)	<0.1%	EPA3050B	ICP-AES
Mercury content (Hg)	<0.1%	EPA3052	ICP-AES
Chromium (VI) content	<0.1%	EPA3060(UN-VIS)	ICP-AES
Polybrominated Biphenyls(PBB)	Forbidden	GC/MS	
Polybrominated Diphenyl Ether (PBDE)	Forbidden	GC/MC	

Revision History

A0-1

Design



A : Electrical Characteristics

Max.Conductor DC Resistance at 20°C (Ω /Km)

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

Label on Reel

Product label

SAT1003 cable

Black

100M

RoHS(2002/95/EC) Compliant

WW/YY

RS label

7492529

100M

Made in China



Date: 2011-09-14

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