SAT100 CPR Class Eca

Product Description	
Conductor	**CCS**
Construction	1.13mm
Standard Dia. (mm)	1.13mm
Insulation Layer	**Foam PE**
Thickness(mm)	1,9
Insulation Dia. (±0.03mm)	4,95
Insulation Color	white
Coppered Al Foil shield	>=110%
Braiding(mm)	**CCA**
Braid Coverage(%)	45%
Jacket	**PVC**
Thickness(mm)	0.65mm
Dia.(±0.10mm)	7.00mm
Jacket Color	
Marking	
TBD	
Packing	
100m/Coloured Boxes in yellow box, 500m/wooden drum	
Label	

SAT100

MT 100
written in bare code SAT100-100

written in bare code
Rif. QF 94/09 N° ___ OF ____

Design

Electrical Characteristics	
Max.Conductor DC Resistance at 20°C(Ω/Km)	⩽ 82
Min.Insulation DC Resistance at 20°C(MΩ*M)	⩾ 1000
Rated Temperature(°C)	-20℃~+70℃
Rated Voltage(V)	82
Capacitance(pF/m)	53
Velocity ratio (%)	⩾ 82
Impedance(Ω)	75+/-2
Attenuation at 20°C (-dB/100m) (+/-8%)	
50 MHz	3,97
100 MHz	5,44
200 MHz	7,57
550 MHz	12,86
1000 MHz	17,69
1500 MHz	22,16
2200 MHz	28,49
Return Loss	
5-470 MHz	⩾ 22 dB
470-1000 MHz	⩾ 20 dB
Screening Efficency	
30-1000 MHz	

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

Date: 22-lug-13