SAT-Koaxkabel 100 dB Modell: KTH 99

Part NO:
Product Code: KTH 99 CCS A

Product Description

Application:

For communication and signal control systems.

Cable Construction

Conductor	**Copper Clad Steel**
1 Singles	
Construction	1,02
Stranded Dia. (+/-0.02mm)	1,02
Insulation Layer	**Gas injection Foam PE**
Thickness(mm)	1,790
Insulation Dia. (±0.15mm)	4,60
Insulation Color	Nature
Al-Foil-Al Shielded	**>=120%**
Thickness(μ)	15/20/15
Braiding(mm)	**Aluminium Wire**
Construction	0.12±0.008×16×4
Braid Coverage(%)	50%
Al-Pet Shielded	**>=120%**
Jacket	**PVC 50P Environmental**
Thickness(mm)	>=0.80
Dia.(±0.2mm)	6,80
Jacket Color	White

PACKAGING

KTH 99 CCS 0100: 100m Trommel
KTH 99 CCS 0250: 250 m Trommel
KTH 99 CSS 0500: 500m Trommel

Design

Electrical Characteristics

Max.Conductor DC Resistance at 20℃（Ω/Km）	<22.30
Min.Insulation DC Resistance at 20℃（MΩ*Km）	>1000
Rated Temperature(℃)	70
Rated Voltage(V)	30
Velocity ratio (%)	82%
Impedance(Ω)	75
Capacitance(pF/m)	50

Attenuation at 20℃ (- dB/100m) (+/-10%)

50 MHz	4,20
100 MHz	5,70
200 MHz	7,90
300 MHz	9,60
470 MHz	12,30
860 MHz	17,60
1000 MHz	19,40
1350 MHz	22,40
1750 MHz	26,90
2050 MHz	28,50
2250 MHz	29,80
2400 MHz	32,80

SCREENING EFFECTIVENESS (- dB)

50-1000MHz	>100
1000-2400MHz	>85

Return loss (- dB/100m)

5------- 1000 MHz	>28
1000-------2000 MHz	>24
2000 ---- 3000 MHz	>20

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	

Wilhelm Sihn Jr. & Co. Ges.m.b.H
Pfarrgasse 79, 1230 Wien, Tel: 01/6163412, Fax: 01/6163412-20, Mail: verkauf@wisi.at