KTH 79

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Part NO: KTH 79
Product Code: KA-077-2

Product Description

Application:
For communication and signal control systems.

Reference Standard
Customer's sample spec.and the general standard

Multi-construction
1

Cable Construction

Conductor	**Bare Copper**
1 Singles	
Construction	1,13
Stranded Dia. (+/-0.02mm)	1,13
Insulation Layer	**Gas Injection Foam PE**
Thickness(mm)	1,835
Insulation Dia. (±0.15mm)	4,80
Insulation Color	Nature
Al-Foil-Al Shielded	**>=120%**
Thickness(μ)	9/23/9
Braiding(mm)	
Construction	0.12Al×16×8
Braid Coverage(%)	80%
Mylar Spiral	**>=115%**
Inner Jacket	**PVC**
Thickness(mm)	>=0.85
Dia.(±0.15mm)	6.80 × 4C
Jacket Color	Red/White/Grey/Blue
Total Mylar Spiral	**>=115%**
A Rip Cord	500D
Outer Jacket	**PVC**
Thickness(mm)	>=1.10
Dia.(±0.30mm)	18,30
Jacket Color	White

Marking (For KTH)
KTH 79 class A +xxxxM…….

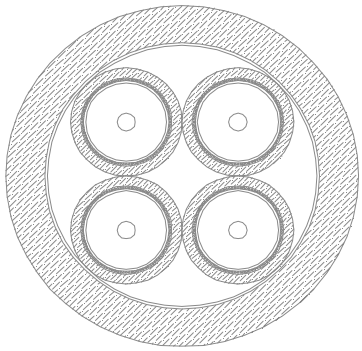
PACKAGING
250M/Wooden Drum
500M/Wooden Drum
According to customer

Min. Bending radius **10× OD**

Revision History

A0-1 Price NO.:KA-0020

Design



Electrical Characteristics

Max.Conductor DC Resistance at 20℃ （Ω/Km）	<19.2
Min.Insulation DC Resistance at 20℃ （MΩ*Km）	>1000
Rated Temperature(℃)	70
Rated Voltage(V)	30
Velocity ratio (%)	80%
Impedance(Ω)	75
Capacitance(pF/m)	50
Attenuation at 20℃ (- dB/100m) **(+/-10%)**	
50 MHz	4,00
100 MHz	4,90
200 MHz	7,20
300 MHz	9,10
470 MHz	11,60
860 MHz	16,90
1000 MHz	18,90
1350 MHz	22,20
1750 MHz	26,60
2050 MHz	28,20
2250 MHz	29,50
2400 MHz	31,40
SCREENING EFFECTIVENESS (- dB)	
50-1000MHz	>95
1000-2400MHz	>90
Return loss (- dB/100m)	
5 ---- 1000 MHz	>30
1000 ---- 2000 MHz	>27
2000 ---- 3000 MHz	>25

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	

Date : 2006-08-08