

KTH 76

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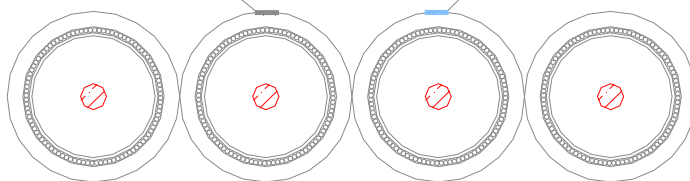
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Design

Marking on
grey strip

Marking on
blue strip



Part NO: KTH 76

Product Code: KA-132

Product Description

Application:

For communication and signal control systems.

Reference Standard

Customer's sample spec.and the general standard

Multi-construction

4 Coax

Cable Construction

Conductor Bare Copper

1 Singles

Construction 0,65

Stranded Dia. (+/-0.02mm) 0,65

Insulation Layer Gas injection Foam PE

Thickness(mm) 1,175

Insulation Dia. (±0.15mm) 3,00

Insulation Color Nature

Al-Pet-Al Shielded >=120%

Thickness(μ) 9/23/9

Braiding(mm) Aluminium Wire

Construction 0.12Al×16×6

Braid Coverage(%) 85%

Jacket PVC

Thickness(mm) >=0.40

Dia.(±0.15mm) 4.30×4C

Inner Jacket Color WHITE

Marking on Jacket

See the design

PACKAGING

100M/Reel/Box

Electrical Characteristics

Max.Conductor DC Resistance at 20°C (Ω/Km) <53.3

Min.Insulation DC Resistance at 20°C (M Ω *Km) >1000

Rated Temperature(°C) 80

Rated Voltage(V) 30

Velocity ratio (%) 80%

Impedance(Ω) 75±3

Capacitance(pF/m) 55

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

50 MHz 6,90

100 MHz 8,70

200 MHz 13,40

300 MHz 16,50

470 MHz 20,90

860 MHz 28,30

1000 MHz 32,10

1350 MHz 37,90

1750 MHz 42,37

2050 MHz 46,80

2250 MHz 50,20

2400 MHz 51,90

SCREENING EFFECTIVENESS (- dB)

50-470MHz >90

470-1000MHz >85

1000-2400MHz >75

Return loss (- dB/100m)

5 ---- 470 MHz >24

470 ---- 1000 MHz >22

1000 ---- 2400 MHz >20

RoHS GUIDELINE

We operate according to the following standards

Control Item ¹⁾	Standard ²⁾	Testing Method ³⁾	Testing Equipment ⁴⁾
Cadmium content (Cd) ⁵⁾	<0.01% ⁶⁾	EN1122 ⁷⁾	ICP-AES ⁸⁾
Lead content (Pb) ⁵⁾	<0.1% ⁶⁾	EPA3050B ⁷⁾	ICP-AES ⁸⁾
Mercury content (Hg) ⁵⁾	<0.1% ⁶⁾	EPA3052 ⁷⁾	ICP-AES ⁸⁾
Chromium (VI) content ⁵⁾	<0.1% ⁶⁾	EPA3060(LN-VIS) ⁷⁾	ICP-AES ⁸⁾
Polybrominated Biphenyls(PBB) ⁹⁾	Forbidden ¹⁰⁾	GC/MS ¹¹⁾	
Polybrominated Diphenyl Ether (PBDE) ⁹⁾	Forbidden ¹⁰⁾	GC/MS ¹¹⁾	

Revision History

A0-1

Price NO.: KA-0074

Date: 2006-10-16

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