

# GO3K120



## GALLUNOPTIMAL

Part NO : GO3K120

### Product Description

#### Application:

For communication and signal control systems.

#### Reference Standard

Customer's sample spec.and the general standard

#### Multi-construction

1-Coax

### Cable Construction

**Conductor** Bare Copper

Solid

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) 20/15/20

**Braiding(mm)** Aluminium Wire

Construction 0.12±0.008Al×16×8

Braid Coverage(%) 82%

**Bonded Al-Pet Shield** >=120%

**Jacket** PVC

Thickness(mm) >=0.80

Dia.(±0.2mm) 6,80

Jacket Color White

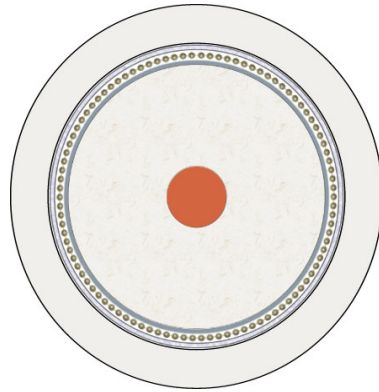
#### Marking

KTH 98 CE RoHS Class A + 001 m... 81025

#### PACKAGING

According to customer

### Design



### Electrical Characteristics

Max.Conductor DC Resistance at 20°C ( Ω /Km) <22.30

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

Rated Temperature(°C) 70

Rated Voltage(V) 30

Velocity ratio (%) 82%

Impedance( Ω ) 75

Capacitance(pF/m) 52±4

Transfer Impedance (mOhm/m) < 2

### Attenuation at 20°C ( - 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 >95

### Return loss ( - dB/100m)

5 ---- 1000 MHz >24

1000 ---- 2000 MHz >22

2000 ---- 3000 MHz >20

### RoHS GUIDELINE

We operate according to the following standards

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