

GO3K100



GALLUNOPTIMAL

Bräunlich GmbH
 Am Heideberg 26
 03491 Lutherstadt Wittenberg
 Tel.: +49 3491 6181-0
 Fax: +49 3491 6181-18
www.gallun-shop.com
 eMail: info@gallun-shop.com

Part NO: GO3K100

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 1,02

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-Pet-Al Shielded **>= 120%**

Braiding(mm)

Construction 0.12Al×16×9

Braid Coverage(%) 85%

Al-Pet Shielded **>= 120%**

Jacket **PVC**

Thickness(mm) >=0.80

Dia.(±0.15mm) 6,80

Jacket Color White

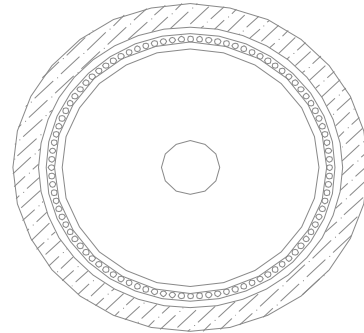
Marking

According to customer

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 (MΩ*Km) >1000

Rated Temperature(°C) 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 30

1000 ---- 2000 MHz 24

2000 ---- 3000 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(UN-VIS) ^⑦	ICP-AES ^⑧
Polybrominated Biphenyls(PBB) ^⑤	Forbidden ^⑥	GC/MS ^⑦	^⑧
Polybrominated Diphenyl Ether (PBDE) ^⑤	Forbidden ^⑥	GC/MC ^⑦	^⑧

Revision History

A0-1 Price NO.:KA-0041

Prepared by: Date : 2006-06-19

Approved by: Page : 1 of 1