

∅ 5,1 mm nom.



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A4

Falls nicht anders definiert,
alle Maße in mm.
Unless otherwise specified
all dimensions in mm.

Maße ohne Toleranzangabe sind Nominalmaße.
All dimensions nominal unless otherwise specified.

Schematische Darstellung
Schematic view only

Maßstab/Scale

Toleranzen/Tolerances

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./.

Benennung/Description

AWG 2219 120 OHM
SHIELDED TWISTED PAIR

A

06.03.17

SH

-

Revision

Datum/Date

Gezeichnet/Drawn

PLFECO no.

Zeichnungsnr./Drawing no.

Blatt/Page

GSC-03-85247-22D

1/2



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Ersatz für / Replacement for


Ersetzt durch / Replaced by

Construction

- | | | |
|-------------------|--|---|
| 1. Twisted pair | | |
| Conductor | | |
| material | | cadmium free copper alloy, silver plated |
| size | | AWG 22 (19/34) |
| Insulation | | |
| material | | PTFE over ePTFE |
| colour | | white/blue |
| 2. Braided shield | | |
| material | | silver plated copper |
| size | | AWG 40 (01) |
| opt. coverage | | 92% min. |
| 3. Jacket | | |
| material | | GORE engineered fluoropolymer (lasermarkable) |
| colour | | white |
| print | | „GSC-03-85247-22D C1462 WO ...“ |
| | | (WO = work order no.) |

Characteristics

Impedance	120 $\Omega \pm 10\%$
Capacitance	42 pF/m nom.
Attenuation	5,6 dB/30m @ 100 MHz 8,5 dB/30m @ 200 MHz 13,5 dB/30m @ 500 MHz 19 dB/30m @ 1 GHz
Time delay	4,1 ns/m
Weight	28 g/m nom.
Operating voltage	50 V rms
Operating temperature range	-55°C to +200°C

Ersatz für / Replacement for		Ersetzt durch / Replaced by		Formular	
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Revision	Date	Author	PLFEKO no.		
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				GSC-03-85247-22D	2/2