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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
./.

Benennung/Description

AWG 2419 120 OHM
SHIELDED TWISTED PAIR

A	06.03.17	SH	-
Revision	Datum/Date	Gezeichnet/Drawn	PLFECO no.



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Zeichnungsnr./Drawing no.

GSC-03-85247-24D

Blatt/Page

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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 24 (19/36) |
| | 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-03-85247-24D C1462 WO ...“ |
| | | (WO = work order no.) |

Characteristics

Impedance	120 $\Omega \pm 10\%$
Capacitance	42 pF/m nom.
Attenuation	6,5 dB/30m nom. @ 100 MHz 10 dB/30m nom. @ 200 MHz 16 dB/30m nom. @ 500 MHz 22 dB/30m nom. @ 1 GHZ
Time delay	4,1 ns/m nom.
Weight	23 g/m nom.
Operating voltage	50 V rms
Operating temperature range	-55°C to +200°C

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