

Valid only at time of printing

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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 100 OHM STP 4X DVI

B	30.10.18	SH	12285
A	13.03.17	GD	-
Revision	Datum/Date	Gezeichnet/Drawn	PLFECO no.



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Zeichnungsnr./Drawing no.

**GSC-01-85249-24S**

Blatt/Page

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Ersatz für / Replacement for

Ersetzt durch / Replaced by


**Construction**

- 1. 5 Filler as required material ePTFE
- 2. 4 shielded twisted Pairs
  - Conductor material silver-coated copper
  - size AWG 24 (19/36)
  - Dielectric material PTFE over ePTFE
  - colours white/blue, white/green, white/brown, white/orange acc. page 1/2
  - Binder material ePTFE
  - Braided Shield material cadmium-free high strength copper alloy, silver plated
  - size AWG 40 (01)
  - Protective sheat Gore Engineered Fluoropolymer
  - colour white
- 3. Braided Shield material cadmium-free high strength copper alloy, silver plated
- size AWG 38 (01)
- coverage > 90%
- 4. Jacket Gore Engineered Fluoropolymer
- material white
- colour white
- print GSC-01-85249-24S C1462 WO...

WO... = work order no.

**Characteristics**

- Impedance 100 Ohm +/- 10%
- Capacitance < 40 pF/m
- Insertion Loss
  - 27 dB/100m (nom) at 200 MHz
  - 48 dB/100m (nom) at 500 MHz
  - 63 dB/100m (nom) at 1000 MHz
  - 68 dB/100m (nom) at 1200 MHz
- Skew pair to pair 50 ps/m
- within pair 18 ps/m
- Weight 121 g/m (nom)
- Shielding effectiveness ≥ 60 dB at 100 MHz to 1000 MHz
- Operating temperature range -65°C to +200°C

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