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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 2219 120 OHM
 SHIELDED TWISTED PAIR

Revision	Datum/Date	Gezeichnet/Drawn	PLFECO no.
B	02.02.22	SH	15138
A	25.01.19	SH	-



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Zeichnungsnr./Drawing no.
GSC-03-85752-22D
 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 22 (19/34)
 Insulation material ePTFE over PTFE
 colour white/blue

2. Braided shield
 material silver plated copper
 size AWG 40 (01)
 opt. coverage 92% min.

3. Jacket
 material GORE engineered fluoropolymer (lasemarkable)
 colour white
 print „GSC-03-85752-22D 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 31 g/m nom.
 Operating voltage 50 V rms
 Operating temperature range -55°C to +200°C

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