


Proprietary Note: W.L.Gore & Associates, Inc. Proprietary Data; The data and information disclosed hereon is furnished upon the following understanding and agreement: By acceptance of this document you agree that all rights to the drawings, specifications, processes, and other data contained therein, as well as the proprietary and novel features of the subject matter are reserved by W.L.Gore and disclosed in confidence. They are not to be disclosed to others unless and until expressly authorized by W.L.Gore & Associates Inc.						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 20:1		Toleranzen/Tolerances ./			
				Benennung/Description BALANCED SHIELDED LINE acc. to ESCC 3902 / 002 Variant 26					
Revision	Datum/Date	Gezeichnet/Drawn	PLFECO no.						
B	23.11.10	GD	4412						
A	10.07.09	GD	3032						
 W.L.Gore & Associates GmbH Nordring 1 91785 Pleinfeld Tel. 0 91 44 / 60 10 Fax 0 91 44 / 63 61, 68 16				Zeichnungsnr./Drawing no. GSC-05-82292-00				Blatt/Page 1/2	
				Ersatz für / Replacement for		Ersetzt durch / Replaced by			

Construction

Symmetrical twisted shielded pair

1. Conductor

material silver-plated, high-strength copper alloy
 size AWG 30 (07/38)
 silver-plating 2 µm min.

2. Insulation

material ePTFE
 colour white

3. Binder

material ePTFE

4. Braided shield


material silver-plated copper
 size AWG 40 (01)
 coverage 90 % min.
 silver-plating 2,5 µm min

5. Jacket

material fluoroplastic
 colour blue

Characteristics

Operating voltage 200 V rms
 Operating temperature range -200°C to +180°C
 Time delay 4,3 nsec/m max.
 Conductor time delay difference 0,1 nsec/m max.
 Impedance 100 Ω ± 6 Ω
 Capacitance Cond./Cond. 47 pF/m max.
 Cond./Shield 79 pF/m max.
 Shielding effectiveness 40 dB min. at 100 MHz
 Attenuation max. 25 dB/100 m at 20 MHz
 max. 33 dB/100 m at 35 MHz
 max. 50 dB/100 m at 80 MHz
 max. 54 dB/100 m at 100 MHz
 Bending radius static 11 mm min.
 Weight 11,0 g/m max.

Ersatz für / Replacement for		Ersetzt durch / Replaced by		Formular Beschreibung / Description	
				BALANCED SHIELDED LINE acc. to ESCC 3902 / 002 Variant 26	
B	23.11.10	GD	4412		
A	10.07.09	GD	3032		
Revision	Date	Author	PLFECO no.		
 W.L. Gore & Associates GmbH Nordring 1 D-91785 Pleinfeld				Identr. / Ident No. GSC-05-82292-00	
				Seite / Page 2/2	