

Engineering Product Design

Product Construction 54 Conductor Cable Shielded and Jacketed	Controlled Cu B.W.B. GERMANY	stomer Copy	Product De VG 9521	scription 8 T028 C023	Rev 2
Designer <i>Paul Cleary</i>	Date 01/03/2021	Product Man Mark Johns		Date 01/03/2021	
Component Identification		Cross-Sectio	on		
B15 B14 B13 B12 A1 B12 A1 B12 A1	B2 B3 B4 B5 B6 B7 B8 B7 A7 B8	49 50 47 48 45 46			

Con	ponents			
ID	Туре	Quantity	Part Description	(Components refer to issue in effect at date of issue of this EPD)
Α	Cable	1	EPD92377A-01	
В	Cable	16	VG 95218-T021-C0	001

Component Identification

Кеу	Wire/Core Colour(s)	Wire/Core Number(s)	Jacket/Wrap Colour(s)	Jacket/Wrap Number
A1	See EPD92377A-01			
B1	9/9	23/24		
B2	9/9	25/26		
B3	9/9	27/28		
B4	9/9	29/30		
B5	9/9	31/32		
B6	9/9	33/34		
B7	9/9	35/36		
B8	9/9	37/38		
B9	9/9	39/40		
B10	9/9	41/42		

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Product Construction	Controlled Customer Copy	Product Description	Rev
54 Conductor Cable Shielded and Jacketed	B.W.B. GERMANY	VG 95218 T028 C023	2

Component Identification

Key	Wire/Core Colour(s)	Wire/Core Number(s)	Jacket/Wrap Colour(s)	Jacket/Wrap Number
B11	9/9	43/44		
B12	9/9	45/46		
B13	9/9	47/48		
B14	9/9	49/50		
B15	9/9	51/52		
B16	9/9	53/54		

CablingLayer NoQuantityDescriptionNominal O.D. mmLayer 11EPD92377A-01Layer 216VG 95218-T021-C00112.8

Outer		
Layer Type	Description	Nominal O.D. mm
Wrap:	Polyester	12.9
Shield: Optimised Braid	Tin Plated Copper	13.8
Jacket: Extrusion 1	Zerohal® - Black Marked 'Raychem - VG 95218 T028 C023 - K1010 - VDE Reg.Nr. 7095'	16.6 ±0.8 Min Wall - 1.00mm

Cable Characteristics	
Calculated Maximum Weight	490 (kg/km)
Maximum Surface Transfer Impedance	30 milli Ohms/metre @ 30MHz 30 milli Ohms/metre @ 10MHz
This cable is RoHS Compliant	

Specifications

VG 95218 Part 28 Type C

Notes

Braid - AWG32 Internal reference - EPD92377A

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Controlled Customer Copy B.W.B. GERMANY	Product Description VG 95218 T028 C023	Rev 2
	<u>Nom. O.D. (mm)</u>	
11 of VG 95218-T021-C001 (Numbered as on page 1)		
2 of VG 95218-T021-C001 + 1 filler		
9 of VG 95218-T021-C001	7.90	
Tin Plated Copper. AWG 34	8.60	
Polyester - 30% Nominal Overlap	8.70	
	B.W.B. GERMANY 11 of VG 95218-T021-C001 (Numbered as on page 1) 2 of VG 95218-T021-C001 + 1 filler 9 of VG 95218-T021-C001 Tin Plated Copper. AWG 34	B.W.B. GERMANY VG 95218 T028 C023 Nom. O.D. (mm) 11 of VG 95218-T021-C001 (Numbered as on page 1) 2 of VG 95218-T021-C001 + 1 filler 9 of VG 95218-T021-C001 7.90 Tin Plated Copper. AWG 34

Maximum Screening Surface Transfer Impedance - 30 milliohms/metre @ 30 Mhz

Lengths

Unless otherwise specified on your order this cable may be supplied in the following maximum number of continuous lengths with no single length less than 25m:

Order Quantity (m) + One other length 100

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