



Engineering Product Design

Product Construction

54 Conductor Cable
Shielded and Jacketed

Controlled Customer Copy

B.W.B.
GERMANY

Product Description

VG 95218 T028 C023

Rev

2

Designer

Paul Cleary

Date

01/03/2021

Product Manager

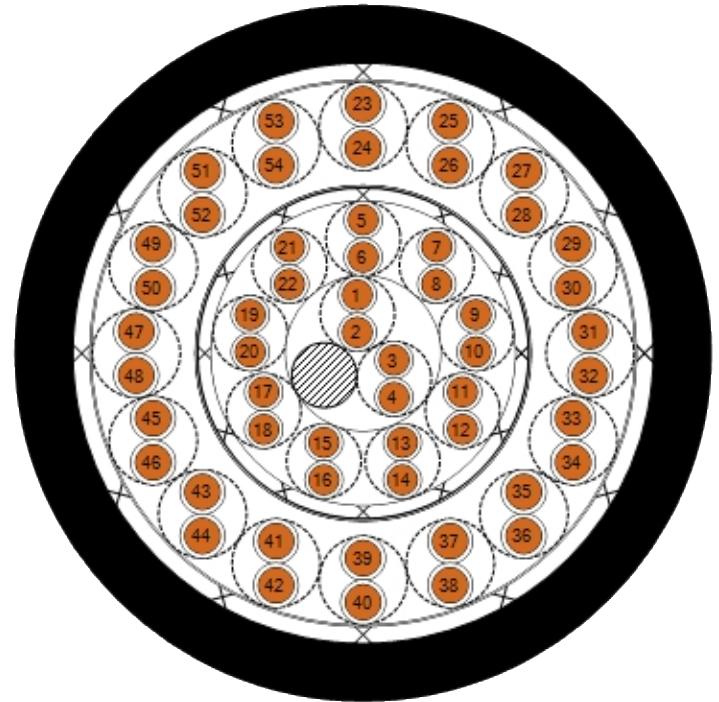
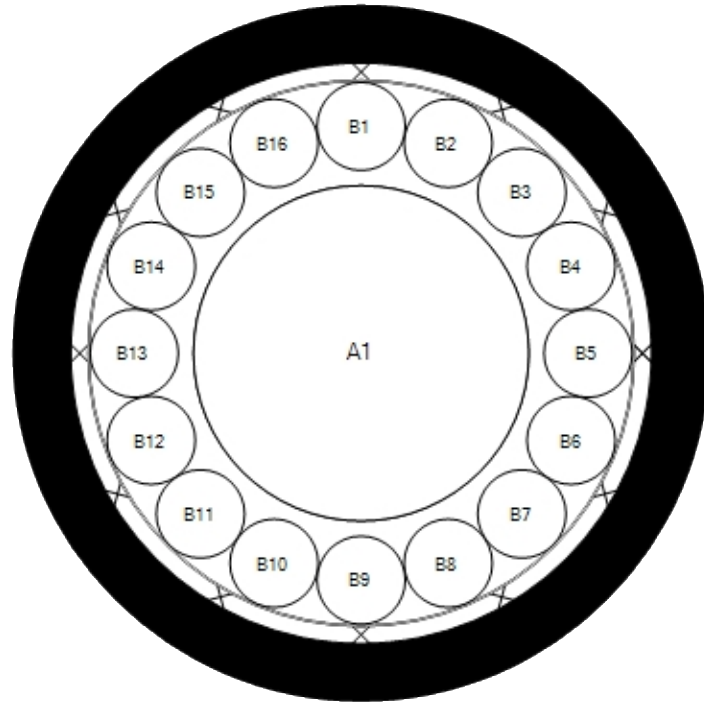
Mark Johnstone

Date

01/03/2021

Component Identification

Cross-Section



Components

ID	Type	Quantity	Part Description	(Components refer to issue in effect at date of issue of this EPD)
A	Cable	1	EPD92377A-01	
B	Cable	16	VG 95218-T021-C001	

Component Identification

Key	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		



Engineering Product Design

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		

Cabling

Layer No	Quantity	Description	Nominal O.D. mm
Layer 1	1	EPD92377A-01	
Layer 2	16	VG 95218-T021-C001	12.8

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



Engineering Product Design

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

EPD 92377A-01

Nom. O.D. (mm)

Components: Cable	11 of VG 95218-T021-C001 (Numbered as on page 1)	
Cabling:		
Layer 1	2 of VG 95218-T021-C001 + 1 filler	
Layer 2	9 of VG 95218-T021-C001	7.90
Shield: Optimised Braid:	Tin Plated Copper. AWG 34	8.60
Wrap:	Polyester - 30% Nominal Overlap	8.70
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