



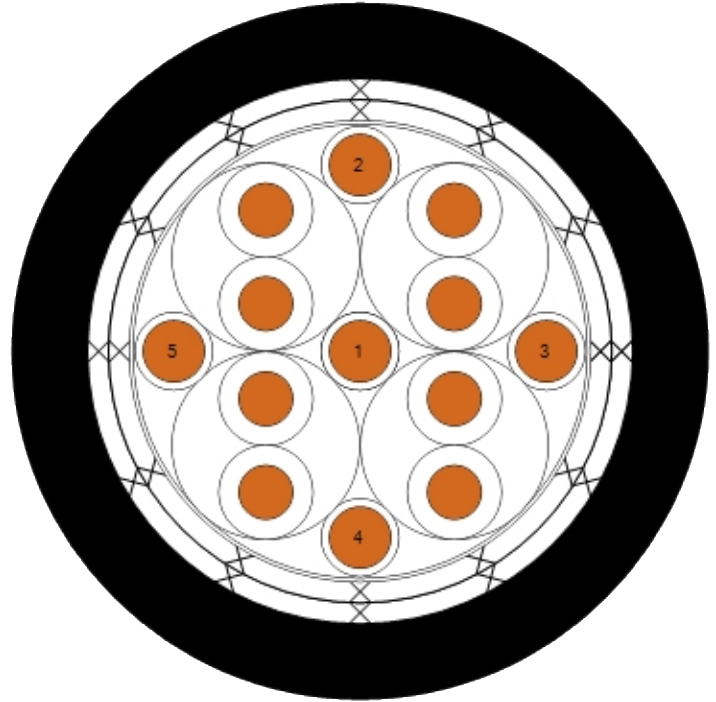
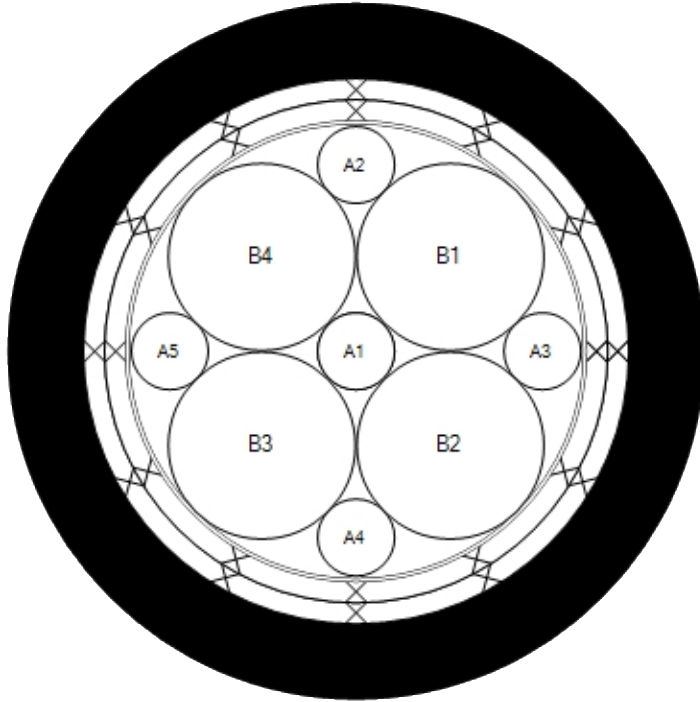
Engineering Product Design

Product Construction 13 Conductor Cable Shielded and Jacketed	Controlled Customer Copy B.W.B. GERMANY	Product Description VG 95218 T028 A003	Rev 2
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Designer <i>Paul Cleary</i>	Date 12/03/2021	Product Manager <i>Mark Johnstone</i>	Date 12/03/2021
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Component Identification

Cross-Section



Components

ID	Type	Quantity	Part Description	(Components refer to issue in effect at date of issue of this EPD)
A	Wire	5	VG 95218-T020-A016	
B	Cable	4	EPD39651A-02	

Component Identification

Key	Wire/Core Colour(s)	Wire/Core Number(s)	Jacket/Wrap Colour(s)	Jacket/Wrap Number
A1		1		
A2		2		
A3		3		
A4		4		
A5		5		
B1	See EPD39651A-02			
B2	See EPD39651A-02			
B3	See EPD39651A-02			
B4	See EPD39651A-02			



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Cabling

Layer No	Quantity	Description	Nominal O.D. mm
Layer 1	1	VG 95218-T020-A016	
Layer 2	4	VG 95218-T020-A016	
	4	EPD39651A-02	5.4

Outer

Layer Type	Description	Nominal O.D. mm
Wrap:	Polyester	5.5
Shield: Optimised Braid	Tin Plated Copper	6.1
Shield: Optimised Braid	Tin Plated Copper	6.7
Jacket: Extrusion 1	FDR 25 - Black Marked 'Raychem - VG 95218 T028 A003 - K1010 - VDE Reg.Nr. 9425'	8.7 ±0.4 Min Wall - 0.75mm

Cable Characteristics

Calculated Maximum Weight	130 (kg/km)
Maximum Surface Transfer Impedance	10 milliohms/metre @ 30MHz
This cable is RoHS Compliant	

Specifications

VG 95218 Part 28 Type A

Notes

Braid - AWG 36
 Internal reference - EPD48194A
 Pair Impedance 120 Ohms min. @ 150 KHz
 Pair Capacitance - 60 pF/Mtr. nom.

		Nom. O.D. (mm)
<u>EPD39651A-01</u>		
Conductor - Stranded:	Tin Plated Copper AWG 26 (7/34) Max d.c. Resistance @ 20 degrees C - 140 Ohms/km	0.48
Dielectric - Extruded:	Rayolin XL (To Raychem Spec. WCD 51/1601XL and 1200)	1.24
Calculated Wire Weight:	2.6 kg/km nominal	
<u>EPD39651A-02</u>		
Components - Cabling:	2 of EPD39651A-01 Colours Natural and White	2.48
Calculated Cable Weight:	5.4 kg/km nominal	

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