

Engineering Product Design

Product Construction
Controlled Customer Copy
13 Conductor Cable
Shielded and Jacketed
B.W.B.
GERMANY

Product Description

Rev

VG 95218 T028 A003

2

Designer
Paul Cleary

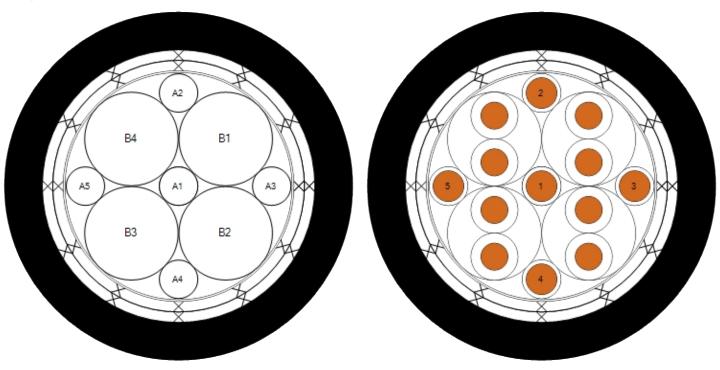
Date 12/03/2021

Product Manager
Mark Johnstone

Date 12/03/2021

Component Identification

Cross-Section



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

Component Identification

Wire/Core Colour(s)	Wire/Core Number(s)	Jacket/Wrap Colour(s)	Jacket/Wrap Number
9	1		
9	2		
9	3		
9	4		
9	5		
See EPD39651A-02			
	9 9 9 9 9 9 See EPD39651A-02 See EPD39651A-02 See EPD39651A-02	9 1 9 2 9 3 9 3 9 4 9 5 See EPD39651A-02 See EPD39651A-02 See EPD39651A-02	See EPD39651A-02 See EPD3965



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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

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.

EPD39651A-01 Nom. O.D. (mm)

Conductor - Stranded: Tin Plated Copper AWG 26 (7/34)

0.48

Conductor - Stranded: Tin Plated Copper AWG 26 (7/34) 0.48

Max d.c. Resistance @ 20 degrees C - 140 Ohms/km

Dielectric - Extruded: Rayolin XL 1.24

(To Raychem Spec. WCD 51/1601XL and 1200)

Calculated Wire Weight: 2.6 kg/km nominal

EPD39651A-02

Components - Cabling: 2 of EPD39651A-01 2.48

Colours Natural and White

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

Tyco Electronics UK Ltd. Faraday Road, Dorcan Swindon SN3 5HH

Tel: (01793) 528171

Website: www.te.com

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