



# Engineering Product Design

**Product Construction**  
23 Conductor Cable  
Shielded and Jacketed

**Controlled Customer Copy**  
B.W.B.  
GERMANY

**Product Description**  
**VG 95218 T028 D027**

**Rev**  
2

**Designer**  
*Paul Cleary*

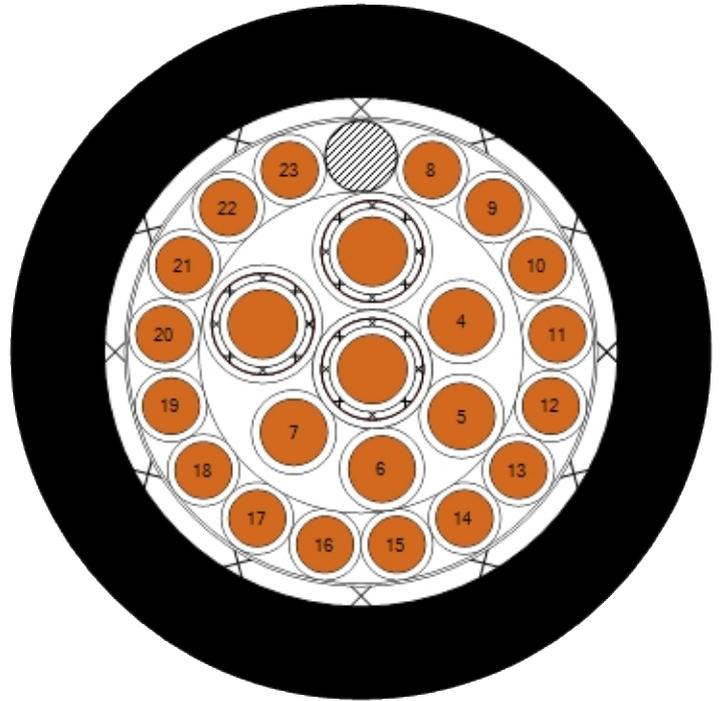
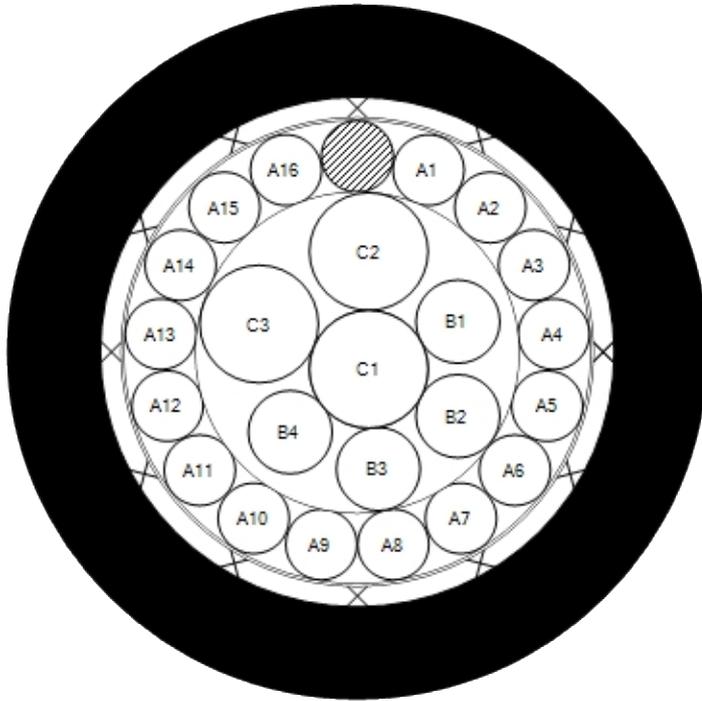
**Date**  
02/03/2021

**Product Manager**  
*Mark Johnstone*

**Date**  
02/03/2021

## Component Identification

## Cross-Section



## Components

ID	Type	Quantity	Part Description	(Components refer to issue in effect at date of issue of this EPD)
A	Wire	16	M81044/12-22-9	
B	Wire	4	M81044/12-20-9	
C	Cable	3	VG 95218 T022 B004	

## Component Identification

Key	Wire/Core Colour(s)	Wire/Core Number(s)	Jacket/Wrap Colour(s)	Jacket/Wrap Number
A1	9	8		
A2	9	9		
A3	9	10		
A4	9	11		
A5	9	12		
A6	9	13		
A7	9	14		
A8	9	15		
A9	9	16		
A10	9	17		



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## Component Identification

Key	Wire/Core Colour(s)	Wire/Core Number(s)	Jacket/Wrap Colour(s)	Jacket/Wrap Number
A11	9	18		
A12	9	19		
A13	9	20		
A14	9	21		
A15	9	22		
A16	9	23		
B1	9	4		
B2	9	5		
B3	9	6		
B4	9	7		
C1	9		9	1
C2	9		9	3
C3	9		9	2

## Cabling

Layer No	Quantity	Description	Nominal O.D. mm
Layer 1	1	VG 95218 T022 B004	
Layer 2	4	M81044/12-20	
	2	VG 95218 T022 B004	
Layer 3	16	M81044/12-22	
	1	Filler	7.7

## Outer

Layer Type	Description	Nominal O.D. mm
Wrap:	Polyester	7.8
Shield: Optimised Braid	Tin Plated Copper	8.5
Jacket: Extrusion 1	FDR 25 - Black Marked 'Raychem - VG 95218 T028 D027 - K1010 - VDE Reg.Nr. 9425'	11.6 ±0.6 Min Wall - 1.01mm

## Cable Characteristics

Calculated Maximum Weight	262 (kg/km)
Maximum Surface Transfer Impedance	45 milli ohms/metre @ 30MHz
This cable is RoHS Compliant	

## Specifications

VG 95218 Part 28 Type D



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## Notes

Braid - AWG 34  
Internal reference - EPD42577A

## 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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Swindon  
SN3 5HH  
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Website: www.te.com

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