



# Engineering Product Design

## Product Construction

38 Conductor Cable  
Shielded and Jacketed

## Controlled Customer Copy

B.W.B.  
GERMANY

## Product Description

**VG 95218 T028 C022**

## Rev

2

## Designer

*Paul Cleary*

## Date

25/09/2019

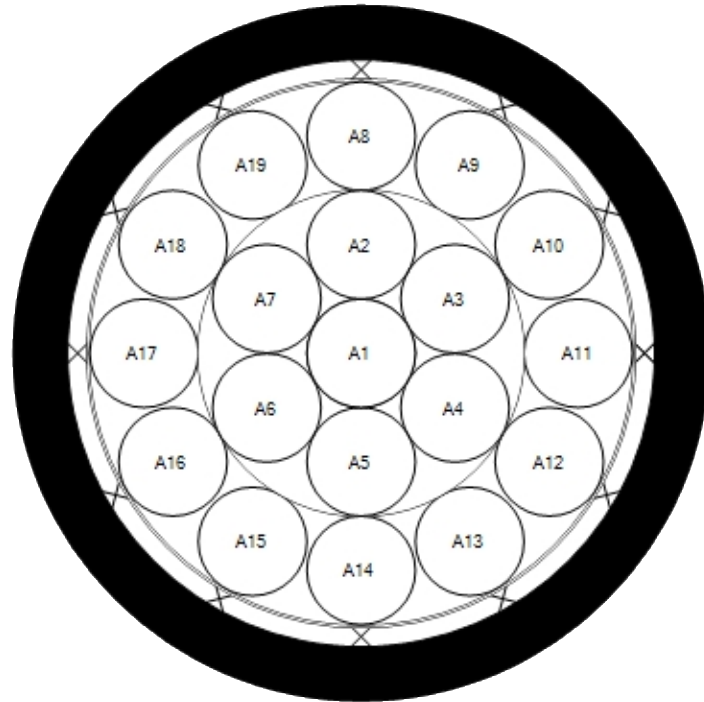
## Product Manager

*Mark Johnstone*

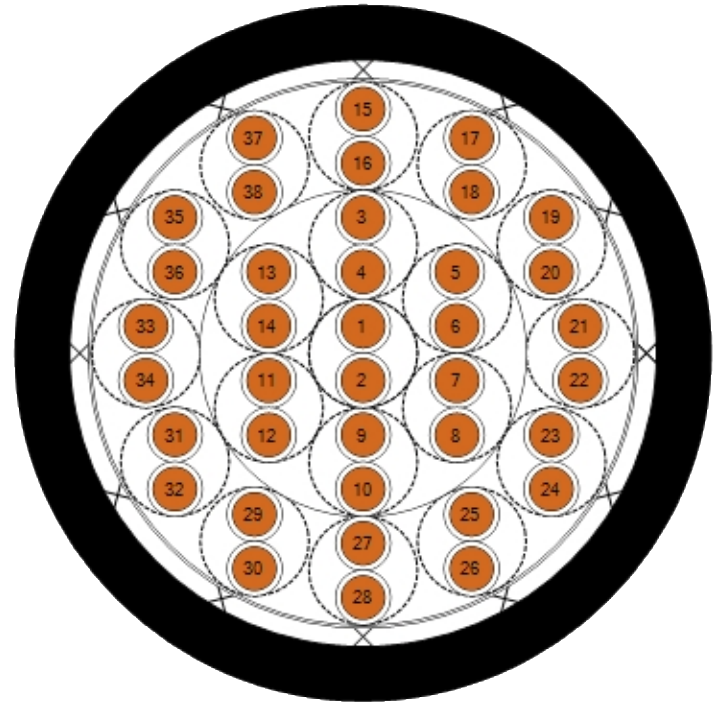
## Date

25/09/2019

## Component Identification



## Cross-Section



## Components

ID	Type	Quantity	Part Description
A	Cable	19	VG 95218-T021-C001

## Component Identification

Key	Wire/Core Colour(s)	Wire/Core Number(s)	Jacket/Wrap Colour(s)	Jacket/Wrap Number
A1	9/9	1/2		
A2	9/9	3/4		
A3	9/9	5/6		
A4	9/9	7/8		
A5	9/9	9/10		
A6	9/9	11/12		
A7	9/9	13/14		
A8	9/9	15/16		
A9	9/9	17/18		
A10	9/9	19/20		
A11	9/9	21/22		
A12	9/9	23/24		



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<b>Product Construction</b> 38 Conductor Cable Shielded and Jacketed	<b>Controlled Customer Copy</b> B.W.B. GERMANY	<b>Product Description</b> <b>VG 95218 T028 C022</b>	<b>Rev</b> 2
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## Component Identification

Key	Wire/Core Colour(s)	Wire/Core Number(s)	Jacket/Wrap Colour(s)	Jacket/Wrap Number
A13	9/9	25/26		
A14	9/9	27/28		
A15	9/9	29/30		
A16	9/9	31/32		
A17	9/9	33/34		
A18	9/9	35/36		
A19	9/9	37/38		

## Cabling

Layer No	Quantity	Description	Nominal O.D. mm
Layer 1	1	VG 95218-T021-C001	
Layer 2	6	VG 95218-T021-C001	
Layer 3	12	VG 95218-T021-C001	10.0

## Outer

Layer Type	Description	Nominal O.D. mm
Wrap:	Polyester	10.1
Shield: Optimised Braid	Tin Plated Copper	10.8
Jacket: Extrusion 1	Zerohal® - Black Marked 'Raychem - VG 95218 T028 C022 - K1010 - VDE Reg.Nr. 7095'	12.8 ±0.5 Min Wall - 0.80mm

## Cable Characteristics

Calculated Maximum Weight	275 (kg/km)
Maximum Surface Transfer Impedance	45 milli Ohms/metre @ 30MHz 30 milli Ohms/metre @ 10MHz
This cable is RoHS Compliant	

## Specifications

VG 95218 Part 28 Type C

## Notes

Braid - AWG 34  
Internal reference - EPD92376B

## 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