



# Engineering Product Design

## Product Construction

12 Conductor Cable  
Shielded and Jacketed

## Controlled Customer Copy

B.W.B.  
GERMANY

## Product Description

**VG 95218 T028 D022**

## Rev

2

## Designer

*Paul Cleary*

## Date

24/02/2021

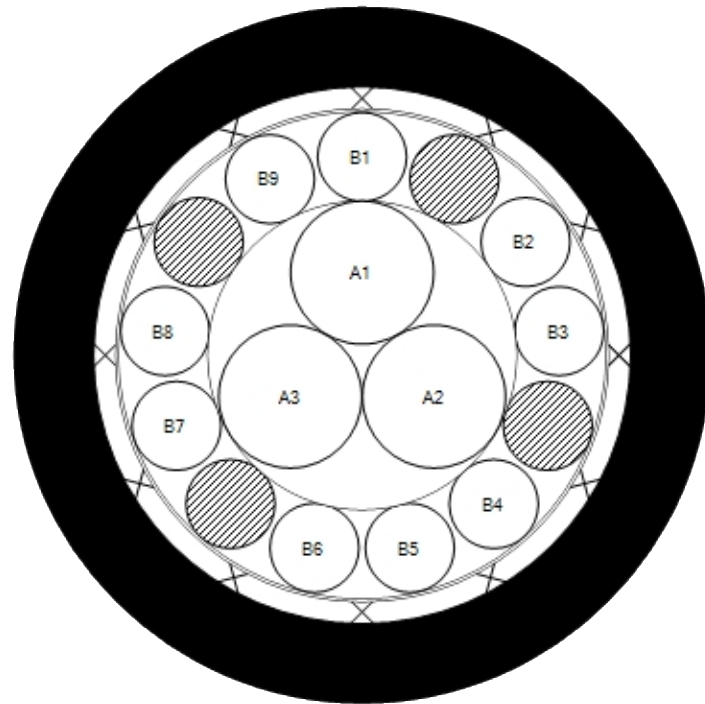
## Product Manager

*Mark Johnstone*

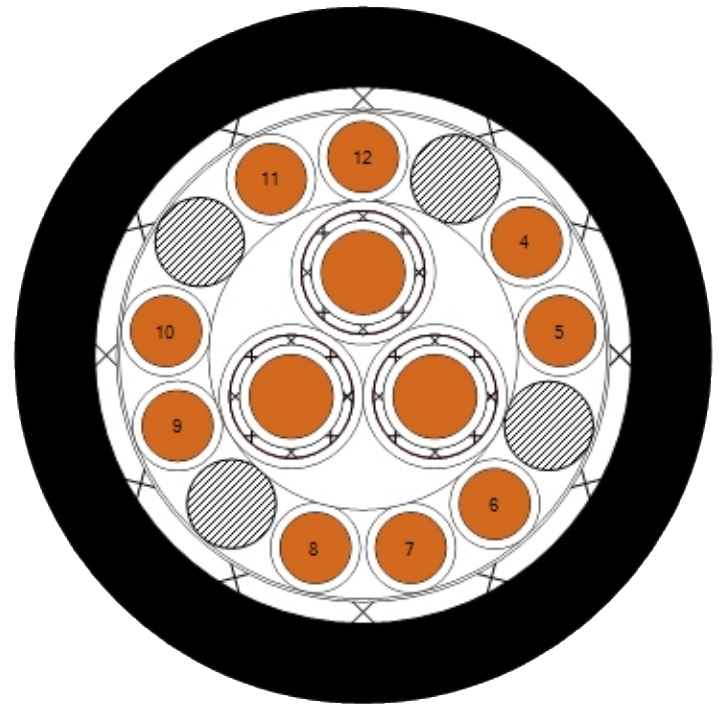
## Date

24/02/2021

## 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 | 3        | VG 95218-T022-C003 |  |
| B  | Wire  | 9        | VG 95218-T020-A003 |  |

## Component Identification

| Key | Wire/Core Colour(s) | Wire/Core Number(s) | Jacket/Wrap Colour(s) | Jacket/Wrap Number |
|-----|---------------------|---------------------|-----------------------|--------------------|
| A1  | 9                   |                     | 9                     | 1                  |
| A2  | 9                   |                     | 9                     | 2                  |
| A3  | 9                   |                     | 9                     | 3                  |
| B1  | 9                   | 12                  |                       |                    |
| B2  | 9                   | 4                   |                       |                    |
| B3  | 9                   | 5                   |                       |                    |
| B4  | 9                   | 6                   |                       |                    |
| B5  | 9                   | 7                   |                       |                    |
| B6  | 9                   | 8                   |                       |                    |
| B7  | 9                   | 9                   |                       |                    |
| B8  | 9                   | 10                  |                       |                    |



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|  |  |   |                 |
|--|--|---|-----------------|
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|--|--|---|-----------------|

## Component Identification

| Key | Wire/Core Colour(s) | Wire/Core Number(s) | Jacket/Wrap Colour(s) | Jacket/Wrap Number |
|-----|---------------------|---------------------|-----------------------|--------------------|
| B9  | 9                   | 11                  |                       |                    |

## Cabling

| Layer No | Quantity | Description        | Nominal O.D. mm |
|----------|----------|--------------------|-----------------|
| Layer 1  | 3        | VG 95218-T022-C003 |                 |
| Layer 2  | 9        | VG 95218-T020-A003 |                 |
|          | 4        | Fillers            | 7.6             |

## Outer

| Layer Type              | Description   | Nominal O.D. mm                |
|-------------------------|---|--------------------------------|
| Wrap:                   | Polyester   | 7.7                            |
| Shield: Optimised Braid | Tin Plated Copper   | 8.4                            |
| Jacket: Extrusion 1     | FDR 25 - Black<br>Marked 'Raychem - VG 95218 T028 D022 - K1010 VDE Reg. Nr. 9425' | 10.9 ±0.5<br>Min Wall - 0.96mm |

## Cable Characteristics

|                                    |                             |
|------------------------------------|-----------------------------|
| Calculated Maximum Weight          | 226 (kg/km)                 |
| Maximum Surface Transfer Impedance | 45 milli ohms/metre @ 30MHz |
| This cable is RoHS Compliant       |                             |

## Specifications

VG 95218 Part 28 Type D

## Notes

Braid - AWG 34  
Internal reference - EPD42572A

## 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