



Product: [BE41258](#)

Lead Wire, 0.14mm² Str TC, PVC Ins, 70°C

Product Description

18x0.1T PVC VMDS 70C

Technical Specifications

Product Overview

| | |
|------------------------|---------------------|
| Suitable Applications: | IEC 189-1, VDMS 70C |
|------------------------|---------------------|

Physical Characteristics (Overall)

Conductor

| Stranding | Material | Cross Section | Construction n x D |
|-----------|--------------------|----------------------|--------------------|
| Stranded | TC - Tinned Copper | 0.14 mm ² | 18x0.10 mm |

| | |
|------------------|---|
| Conductor Count: | 1 |
|------------------|---|

Insulation

| Type | Material | Nominal Diameter | Diameter +/- Tolerance | Min. Wall Thickness | Nominal Wall Thickness |
|------------|--------------------------|------------------|------------------------|---------------------|------------------------|
| Insulation | PVC - Polyvinyl Chloride | 1.1 mm | 0.08 mm | 0.25 mm | 0.3 mm |

Electrical Characteristics

Conductor DCR

| Element | Max. Conductor DCR |
|--------------|--------------------|
| Conductor(s) | 136 Ohm/km |

| | |
|----------------------------|------------|
| Min Insulation Resistance: | 10 MOhm*km |
|----------------------------|------------|

Temperature Range

| | |
|--|----------------|
| Operating Temp Range (Flexible Install): | -25°C To +70°C |
|--|----------------|

Standards

| | |
|--------------------------|-----|
| UL AWM Style Compliance: | N/A |
| Military Compliance: | N/A |

Applicable Environmental and Other Programs

| | |
|----------------------|--------|
| Environmental Space: | Indoor |
| EU CE Mark: | Yes |

Flammability, LS0H, Toxicity Testing

| | |
|--------------------|-----|
| UL voltage rating: | N/A |
|--------------------|-----|

Related Part Numbers

Variants

| Item # | Color | Put-Up Type | Length | EAN |
|---------------|-------|-------------|----------|---------------|
| BE41258.0013K | Black | Reel | 12,600 m | 8719605025357 |

| | | | | |
|---------------|--------------------|------|----------|---------------|
| BE41258.2513K | Blue | Reel | 12,600 m | 8719605025609 |
| BE41258.0113K | Blue, Black Ring | Reel | 12,600 m | 8719605025364 |
| BE41258.2013K | Brown | Reel | 12,600 m | 8719605025555 |
| BE41258.0213K | Brown, Black Ring | Reel | 12,600 m | 8719605025371 |
| BE41258.2413K | Gray | Reel | 12,600 m | 8719605025593 |
| BE41258.2113K | Green | Reel | 12,600 m | 8719605025562 |
| BE41258.0613K | Green, Black Ring | Reel | 12,600 m | 8719605025418 |
| BE41258.0513K | Green, Brown Ring | Reel | 12,600 m | 8719605025401 |
| BE41258.2213K | Orange | Reel | 12,600 m | 8719605025579 |
| BE41258.2313K | Red | Reel | 12,600 m | 8719605025586 |
| BE41258.0713K | Red, Black Ring | Reel | 12,600 m | 8719605025425 |
| BE41258.1913K | Violet | Reel | 12,600 m | 8719605025548 |
| BE41258.1713K | White | Reel | 12,600 m | 8719605025524 |
| BE41258.1613K | White, Black Ring | Reel | 12,600 m | 8719605025517 |
| BE41258.0813K | White, Blue Ring | Reel | 12,600 m | 8719605025432 |
| BE41258.0913K | White, Brown Ring | Reel | 12,600 m | 8719605025449 |
| BE41258.1213K | White, Gray Ring | Reel | 12,600 m | 8719605025470 |
| BE41258.1113K | White, Green Ring | Reel | 12,600 m | 8719605025463 |
| BE41258.1313K | White, Orange Ring | Reel | 12,600 m | 8719605025487 |
| BE41258.1413K | White, Red Ring | Reel | 12,600 m | 8719605025494 |
| BE41258.1513K | White, Violet Ring | Reel | 12,600 m | 8719605025500 |
| BE41258.1013K | White, Yellow Ring | Reel | 12,600 m | 8719605025456 |
| BE41258.1813K | Yellow | Reel | 12,600 m | 8719605025531 |
| BE41258.0313K | Yellow, Brown Ring | Reel | 12,600 m | 8719605025388 |
| BE41258.0413K | Yellow, Green Ring | Reel | 12,600 m | 8719605025395 |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.155 Revision Date: 04-08-2022 |
|----------------------|--|

© 2022 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.