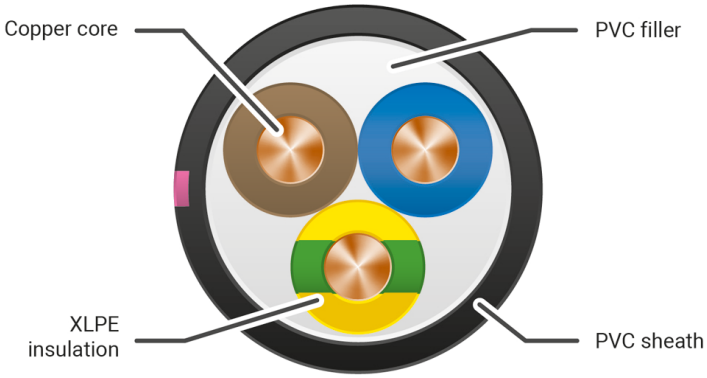
RO2V4G25T3000

# 1000V rigid R2V 4G2.5mm² power cable - 100m coil, grey

## DESCRIPTION

The rigid 1000 V R2V cables are designed for powering industrial and commercial electrical equipment. Their black sheath is UV-resistant, allowing for outdoor installation.






## ADVANTAGES

- XLPE insulation
- Conductor temperature 90°C
- Can be installed outdoors without protection, UV-resistant black sheath

Updated: 26/06/2026

This document is confidential and is the property of ADALTRA. ADALTRA holds the copyright, and the document must not be copied or modified in any form, in whole or in part, without the prior written permission of ADALTRA. The specifications contained in this document are non-contractual and may be subject to change without prior notice.

## CONSTRUCTION & TECHNICAL PERFORMANCE

| | |
|---|---|
| Product Type | U1000-R2V |
| Construction (mm²) | 4 G 2,5 mm² |
| Conductor material | Bare copper |
| Conductor cross-section | 2,50 mm² |
| Core composition | < 4mm²: solid conductor IEC 60228 class 1<br>≥ 6mm²: flexible stranded conductor IEC 60228 class 2 |
| Insulation Material | XLPE |
| Insulation Identification Method | HD 308 S2 |
| Assembly type | Multi conductors |
| Outer Sheath Material | PVC |
| Color | Black |
| Nom. diameter of the outer sheath (mm) | 11.4 |
| Max. diameter of the outer sheath (mm) | 13 |
| Weight (Kg/Km) | 230 |

## ELECTRICAL CHARACTERISTICS

| | |
|---|---|
| Service Voltage (V) | 600 / 1000 V |
| Test voltage (V) | 3 kV |
| Linear electrical resistance (Ω/Km) | conform to IEC 60228 class 1/2 |
| Max admissible current at 30°C | 30 |

## MECHANICAL CHARACTERISTICS

| | |
|---|---|
| Bending Radius in Mobile Installation | 15 x Ø ext |
| Max Permissible Temperature on Core | 90°C |
| Max Short-Circuit Temperature | 250°C |

## ENVIRONMENTAL CHARACTERISTIC

| | |
|---|---|
| Independent lab certification | Yes |
| CPR classification | Eca |
| Fire behaviour | IEC 60332-1 |
| Fire Behavior Type | Flame retardant<br>NF C32-070/C2 and IEC 60332-1 |
| UV Resistance | Yes |
| Installation Temperature | -5°C |
| Fixed Use Temperature | -30°C / +70°C |
| Mobile Use Temperature | -5°C / +70°C |

Updated: 26/06/2026

This document is confidential and is the property of ADALTRA. ADALTRA holds the copyright, and the document must not be copied or modified in any form, in whole or in part, without the prior written permission of ADALTRA. The specifications contained in this document are non-contractual and may be subject to change without prior notice.

| ENVIRONMENTAL CHARACTERISTIC | |
|---|---|
| Component Standard | XP C32-321 |
| **ADDITIONAL INFORMATION** | |
| Product Packaging | Drum of 3000m |

Updated: 26/06/2026

This document is confidential and is the property of ADALTRA. ADALTRA holds the copyright, and the document must not be copied or modified in any form, in whole or in part, without the prior written permission of ADALTRA. The specifications contained in this document are non-contractual and may be subject to change without prior notice.