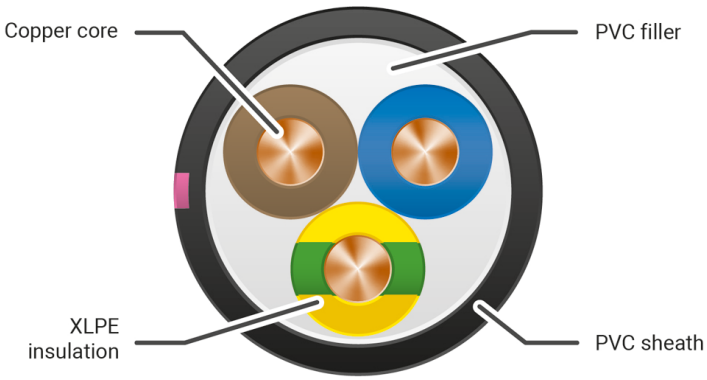
RO2V4G15T3000

1000V rigid R2V 4G1.5mm² power cable - 500m drum

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 1,5 mm²
Conductor material	Bare copper
Conductor cross-section	1,50 mm²
Core composition	< 4mm²: solid conductor IEC 60228 class 1 ≥ 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)	10.4
Max. diameter of the outer sheath (mm)	12.1
Weight (Kg/Km)	150

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	22

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 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.