

RO2V5G25T2500

1000V R2V 5G2.5mm² rigid power cable - 2500m drum, 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

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CONSTRUCTION & TECHNICAL PERFORMANCE

Product Type	U1000-R2V
Construction (mm ²)	5 G 2,5 mm ²
Conductor material	Bare copper
Conductor cross-section	2,50 mm ²
Core composition	< 4mm ² : solid conductor IEC 60228 class 1 ≥ 6mm ² : 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)	12.3
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

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
Component Standard	XP C32-321

ADDITIONAL INFORMATION

Product Packaging

Drum of 2500m