1KVXHFA3G15VSHB2

# 1000V rigid armored LSZH power cables CPR B2ca 1KVXHFA 3G1.5 grey

## DESCRIPTION

The 1KVXHFA armored cables are designed for powering high-power industrial and commercial electrical equipment. Their halogen-free sheath and IEC 60332-3 compliance make them ideal for industrial sites, nuclear facilities, steelworks, chemical plants, and public infrastructure.






## ADVANTAGES

- halogen-free (LSZH)
- CPR: B2ca s1a,d1,a1 multicore
- CPR: B2ca s1,d1,a1 single-core
- UV resistance for Northern Europe conditions
- AD7 Possible intermittent, partial, or total freshwater coverage

Updated: 25/06/2026

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## CONSTRUCTION & TECHNICAL PERFORMANCE

| | |
|---|---|
| Product Type | XHFAPOWER |
| Construction (mm²) | 3 G 1,5 mm² |
| Conductor material | Bare copper |
| Conductor cross-section | 1,50 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 |
| Inner Sheath Material | LSZH |
| Overall Armor | Double steel tape |
| Outer Sheath Material | LSZH |
| Color | Green |
| Nom. diameter of the outer sheath (mm) | 10.6 |
| 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 Fixed Installation | 15 x Ø ext |
| Bending Radius in Mobile Installation | 30 x Ø ext |
| Max Permissible Temperature on Core | 90°C |
| Max Short-Circuit Temperature | 250°C |
| IP rating | AD7 |

## ENVIRONMENTAL CHARACTERISTIC

| | |
|---|---|
| CPR classification | B2ca s1a, d1, a1 |
| Fire behaviour | IEC 60332-1, IEC 60332-3-24 |
| Fire Behavior Type | Flame retardant<br>IEC 60332-1<br>Fire retardant<br>IEC 60332-3-24 |
| UV Resistance | Yes |
| Fixed Use Temperature | -30°C / +70°C |

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| ENVIRONMENTAL CHARACTERISTIC | |
|---|---|
| Mobile Use Temperature | -5°C / +70°C |
| Halogen-free Standard | IEC 60754-1/-2 IEC 61034-2 |
| **ADDITIONAL INFORMATION** | |
| Product Packaging | Drum of 1000m |

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