Power & distribution cables

EAXVB 0.6/1kV NBN C 32-131 Belgian Aluminium LV

Cable



NBN C 32-131 / HD 603 · 0.6/1 kV · -25°C to +90°C · Min. bend 12 × OD

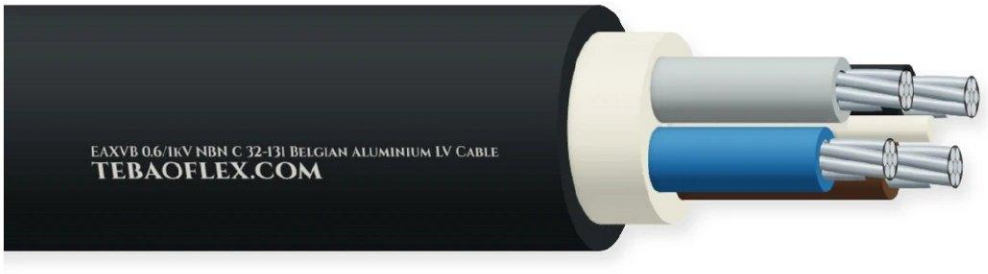
NBN C 32-131 / HD 603 | 0.6/1 kV

Application

EAXVB 0.6/1kV NBN C 32-131 Belgian Aluminium LV Cable manufactured to NBN C 32-131 / HD 603, rated 0.6/1 kV and -25°C to +90°C with a 12 × OD minimum bending radius for infrastructure & construction installations.

Typical uses: Power distribution & utility networks, Railways, tunnels & public infrastructure, Process instrumentation & oil/gas skids, Industrial automation & control cabinets, Renewable energy, marine & heavy industry

Construction





Cross-section, not to scale

1	Conductor	4×25 mm² Class 1 Solid / Class 2 Stranded Al
2	Insulation & Core Identification	NBN C 32-131 XLPE core insulation (25 mm² Aluminium)
3	Screen / Bedding / Armour Layer	Extruded PVC inner filler compound
4	Outer Protective Sheath	Black heavy-duty reinforced PVC outer sheath (OD 22.8 mm)

Technical data

Typical values

Nominal / reference voltage	0.6/1 kV	Conductor & core insulation	4×25 mm² Class 1 Solid / Class 2 Stranded Al · NBN C 32-131 XLPE core insulation (25 mm² Aluminium)
Routine dielectric / continuity test	100% factory drum spark & continuity verified	Operating temperature range	-25°C to +90°C
Short-circuit / peak thermal limit	+160 °C to +250 °C (5 s conductor thermal limit)	Flame & fire performance	NBN C 32-131 / HD 603
Minimum bending radius	12 × OD	Screening / armour architecture	Extruded PVC inner filler compound
Outer sheath material & colour	Black heavy-duty reinforced PVC outer sheath (OD 22.8 mm)	Standards	NBN C 32-131 / HD 603

Sizes

3 standard constructions

Tick the sizes you need and send this page to info@tebaoflex.com or WhatsApp +86 185 9591 3361.

Part designation	Configuration	Conductor & shield	Insulation / wall	Outer sheath	Outer diameter mm	Min. bend radius mm	Max. conductor resistance @ 20 °C Ω/km	Conductor weight kg/km	Cable weight kg/km	Key electrical / optical rating
EAXVB 0.6/1kV NBN C 32-131 Belgian Aluminium LV 3 sizes										
☐ EAXVB 0.6/1kV NBN C 32-131 Belgian Aluminium LV (4×25 mm²)	4×25 mm²	Class 1/2 Aluminium	NBN C 32-131 XLPE core insulation	Industrial PVC	22.8	274	1.13	326.0	858	81 A
☐ EAXVB 0.6/1kV NBN C 32-131 Belgian Aluminium LV (4×35 mm²)	4×35 mm²	Class 1/2 Aluminium	NBN C 32-131 XLPE core insulation	Industrial PVC	26.9	323	0.81	453.7	1,194	101 A
☐ EAXVB 0.6/1kV NBN C 32-131 Belgian Aluminium LV (4×50 mm²)	4×50 mm²	Class 1/2 Aluminium	NBN C 32-131 XLPE core insulation	Industrial PVC	31.5	378	0.56	620.5	1,633	122 A

– Dimensions and weights are nominal manufacturing targets subject to standard production tolerances.

Standards and approvals

- ✓ NBN C 32-131 / HD 603 Compliant
- ✓ EN 10204 3.1 Factory Test Certificate
- ✓ CE, UKCA, RoHS 2 (2011/65/EU) & REACH

Certifications

Management systems: ISO 9001, ISO 14001, ISO 45001

Request a quotation

Send the size, length and destination. An application engineer replies within 2 business hours.

WhatsApp / phone
+86 185 9591 3361

Email
info@tebaoflex.com

Web
tebaoflex.com/cables/eaxvb-0-6-1kv-nbn-c-32-131-belgian-aluminium-lv-cable

Typical values for this cable type, based on Reference specification per NBN C 32-131 / HD 603 (EAXVB 0.6/1kV NBN C 32-131 Belgian Aluminium LV). Values for your order are confirmed in the quotation. Subject to change without notice. Jiangsu Tebaoflex Special Cable Co., Ltd., Taicang, Jiangsu, China.