Power & distribution cables

EXVB 0.6/1kV NBN C 32-131 Belgian Copper

Underground LV Cable



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

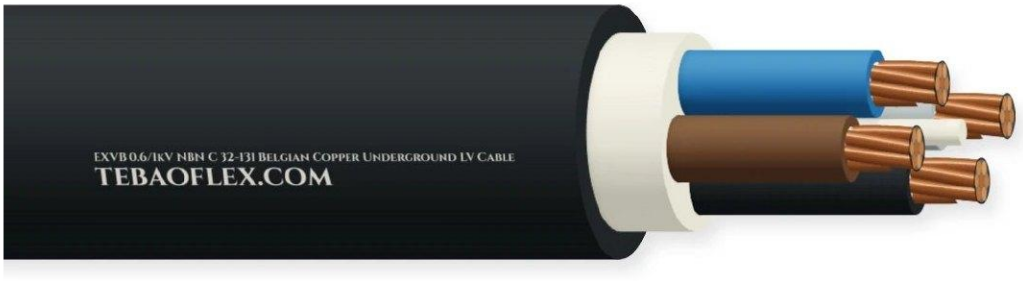
NBN C 32-131 / HD 603 | 0.6/1 kV

Application

EXVB 0.6/1kV NBN C 32-131 Belgian Copper Underground 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	4×10 mm² Class 1 Solid / Class 2 Stranded Cu
2	Insulation & Core Identification	NBN C 32-131 XLPE core insulation (10 mm² Copper)
3	Screen / Bedding / Armour Layer	Extruded PVC inner sheath
4	Outer Protective Sheath	Black reinforced heavy-duty PVC outer sheath (OD 17.5 mm)

Technical data

Typical values

Nominal / reference voltage	0.6/1 kV	Conductor & core insulation	4×10 mm² Class 1 Solid / Class 2 Stranded Cu · NBN C 32-131 XLPE core insulation (10 mm² Copper)
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 sheath
Outer sheath material & colour	Black reinforced heavy-duty PVC outer sheath (OD 17.5 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	Copper weight kg/km	Cable weight kg/km	Key electrical / optical rating
EXVB 0.6/1kV NBN C 32-131 Belgian Copper 3 sizes										
☐ EXVB 0.6/1kV NBN C 32-131 Belgian Copper (4×10 mm²)	4×10 mm²	Class 1 Solid Plain Copper	NBN C 32-131 XLPE core insulation	Industrial PVC	17.5	210	1.81	374.4	720	60 A
☐ EXVB 0.6/1kV NBN C 32-131 Belgian Copper (4×16 mm²)	4×16 mm²	Class 1 Solid Plain Copper	NBN C 32-131 XLPE core insulation	Industrial PVC	20.6	247	1.13	521.0	1,002	80 A
☐ EXVB 0.6/1kV NBN C 32-131 Belgian Copper (4×25 mm²)	4×25 mm²	Class 1 Solid Plain Copper	NBN C 32-131 XLPE core insulation	Industrial PVC	24.1	289	0.72	712.9	1,371	106 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/exvb-0-6-1kv-nbn-c-32-131-belgian-copper-underground-lv-cable

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