Power & distribution cables

XVB F2 0.6/1kV NBN C 32-131 Belgian Grey PVC

Installation Cable



NBN C 32-131 / NBN C 30-004 F2 / CPR Cca · 0.6/1 kV · -25°C to +90°C · Min. bend 12 × OD

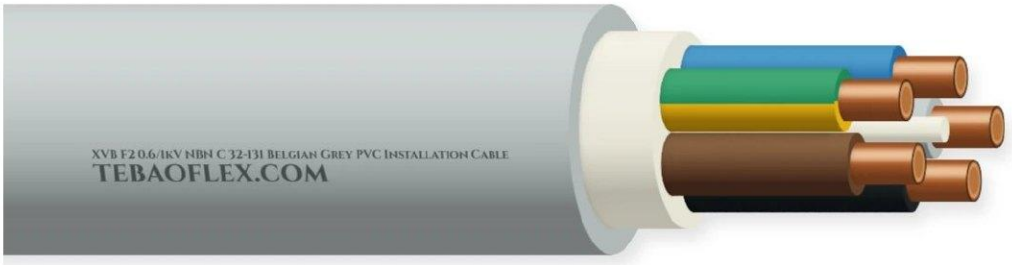
NBN C 32-131 / NBN C 30-004 F2 / CPR Cca | 0.6/1 kV

Application

XVB F2 0.6/1kV NBN C 32-131 Belgian Grey PVC Installation Cable manufactured to NBN C 32-131 / NBN C 30-004 F2 / CPR Cca, 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	5G4.0 mm² Class 1/2 Cu
2	Insulation & Core Identification	NBN C 32-131 XLPE core insulation (4.0 mm² Solid Copper)
3	Screen / Bedding / Armour Layer	Extruded PVC inner filler compound
4	Outer Protective Sheath	Light Grey NBN F2 flame-retardant PVC outer sheath (OD 13.6 mm)

Technical data

Typical values

Nominal / reference voltage	0.6/1 kV	Conductor & core insulation	5G4.0 mm² Class 1/2 Cu · NBN C 32-131 XLPE core insulation (4.0 mm² Solid 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 / NBN C 30-004 F2 / CPR Cca
Minimum bending radius	12 × OD	Screening / armour architecture	Extruded PVC inner filler compound
Outer sheath material & colour	Light Grey NBN F2 flame-retardant PVC outer sheath (OD 13.6 mm)	Standards	NBN C 32-131 / NBN C 30-004 F2 / CPR Cca

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
XVB F2 0.6/1kV NBN C 32-131 Belgian Grey PVC 3 sizes										
☐ XVB F2 0.6/1kV NBN C 32-131 Belgian Grey PVC (5G4 mm²)	5G4 mm²	Class 1 Solid Plain Copper	NBN C 32-131 XLPE core insulation	Industrial PVC	13.6	163	4.53	226.2	435	34 A
☐ XVB F2 0.6/1kV NBN C 32-131 Belgian Grey PVC (5G6 mm²)	5G6 mm²	Class 1 Solid Plain Copper	NBN C 32-131 XLPE core insulation	Industrial PVC	16.0	192	3.02	314.6	605	43 A
☐ XVB F2 0.6/1kV NBN C 32-131 Belgian Grey PVC (5G10 mm²)	5G10 mm²	Class 1 Solid Plain Copper	NBN C 32-131 XLPE core insulation	Industrial PVC	18.8	226	1.81	430.6	828	60 A

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

Standards and approvals

- ✓ NBN C 32-131 / NBN C 30-004 F2 / CPR Cca 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/xvb-f2-0-6-1kv-nbn-c-32-131-belgian-grey-pvc-installation-cable

Typical values for this cable type, based on Reference specification per NBN C 32-131 / NBN C 30-004 F2 / CPR Cca (XVB F2 0.6/1kV NBN C 32-131 Belgian Grey PVC). Values for your order are confirmed in the quotation. Subject to change without notice. Jiangsu Tebaoflex Special Cable Co., Ltd., Taicang, Jiangsu, China.