Power & distribution cables

YMz1Krvasdlwd 6/10kV–18/30kV NEN-HD 620 Dutch

Copper LSZH MV Cable



NEN-HD 620 / IEC 60502-2 · 6/10–18/30 kV · -25°C to +90°C · Min. bend 15 × OD

NEN-HD 620 / IEC 60502-2 | 6/10–18/30 kV

Application

YMz1Krvasdlwd 6/10kV–18/30kV NEN-HD 620 Dutch Copper LSZH MV Cable manufactured to NEN-HD 620 / IEC 60502-2, rated 6/10 (12) kV / 12/20 (24) kV / 18/30 (36) kV and -25°C to +90°C with a 15 × OD minimum bending radius for renewable energy 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**	1×150/25 mm² Class 2 Stranded Cu
2	**Insulation & Core Identification**	NEN-HD 620 YMz1Krvasdlwd XLPE dielectric (150 mm² Stranded Copper)
3	**Screen / Bedding / Armour Layer**	Semi-conductive longitudinal water-swellable tape + Helical copper wire screen (25 mm²) + copper tape (as) + Aluminium/copolymer laminate radial moisture barrier (dlwd)
4	**Outer Protective Sheath**	Red z1 Low Smoke Zero Halogen (LSZH) outer sheath (OD 32.5 mm)

Technical data

Typical values

Nominal / reference voltage	6/10 (12) kV / 12/20 (24) kV / 18/30 (36) kV	Conductor & core insulation	1×150/25 mm² Class 2 Stranded Cu · NEN-HD 620 YMz1Krvasdlwd XLPE dielectric (150 mm² Stranded 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	NEN-HD 620 / IEC 60502-2
Minimum bending radius	15 × OD	Screening / armour architecture	Semi-conductive longitudinal water-swellable tape + Helical copper wire screen (25 mm²) + copper tape (as) + Aluminium/copolymer laminate radial moisture barrier (dlwd)
Outer sheath material & colour	Red z1 Low Smoke Zero Halogen (LSZH) outer sheath (OD 32.5 mm)	Standards	NEN-HD 620 / IEC 60502-2

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
YMz1Krvasdlwd 6/10kV–18/30kV NEN-HD 620 Dutch 3 sizes										
☐ YMz1Krvasdlwd 6/10kV–18/30kV NEN-HD 620 Dutch (1×150/25 mm²)	1×150/25 mm²	Class 2 Stranded Plain Copper	NEN-HD 620 YMz1Krvasdlwd XLPE dielectric	LSZH Jacket	32.5	488	0.12	1,290.6	2,482	324 A
☐ YMz1Krvasdlwd 6/10kV–18/30kV NEN-HD 620 Dutch (1×185/25 mm²)	1×185/25 mm²	Class 2 Stranded Plain Copper	NEN-HD 620 YMz1Krvasdlwd XLPE dielectric	LSZH Jacket	38.4	576	0.10	1,797.1	3,456	371 A
☐ YMz1Krvasdlwd 6/10kV–18/30kV NEN-HD 620 Dutch (1×240/25 mm²)	1×240/25 mm²	Class 2 Stranded Plain Copper	NEN-HD 620 YMz1Krvasdlwd XLPE dielectric	LSZH Jacket	44.8	672	0.08	2,458.0	4,727	436 A

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

Standards and approvals

- ✓ NEN-HD 620 / IEC 60502-2 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/ymz1krvasdlwd-6-10kv-18-30kv-nen-hd-620-dutch-copper-lszh-mv-cable

Typical values for this cable type, based on Reference specification per NEN-HD 620 / IEC 60502-2 (YMz1Krvasdlwd 6/10kV–18/30kV NEN-HD 620 Dutch). Values for your order are confirmed in the quotation. Subject to change without notice. Jiangsu Tebaoflex Special Cable Co., Ltd., Taicang, Jiangsu, China.