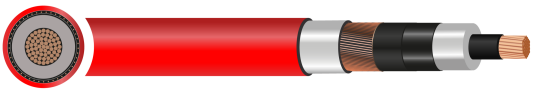
YMz1Krvasdlwd-12/20kv Power Cable - 50mm² to 630mm²



Description

YMz1Krvasdlwd is a 12/20kV Medium Voltage power cable with copper conductors. It is used in large infrastructure projects such as transformers, sub stations, datacentres etc and is suitable for installations directly in the ground or within cable ducts.

YMz1Krvasdlwd cables typically feature a Low Smoke Zero Halogen (LSZH) UV-resistant outer sheath, which makes them suitable for both indoor and outdoor installations. The cable has both Radial and longitudinal water blocking layers to prevent water ingress into the cable and an LSZH outer sheath.

Key Features

Voltage Rating
12/20 (24)kV

Minimum Bending Radius
15 x Overall Diameter

Flame Retardancy
BS EN/IEC 60332-1-2
BS EN/IEC 60332-3-24

Temperature Limits
Maximum operating temperature of conductor: +90°C
Maximum short-circuit temperature up to 5 sec: +250°C

Standards

- BS EN/IEC 60228
- Generally to HD 620-10J
- Generally to NEN 3620
- BS EN/IEC 60332-1-2
- BS EN/IEC 60332-3-24 (cat C)

Construction

- **Conductor**: Class 2 stranded copper conductor
- **Conductor Screen**: Semi-Conductive material
- **Insulation**: Cross Linked polyethylene (XLPE)
- **Insulation Screen**: Semi conducting compound
- **Screen**: Copper wires and copper tape
- **Water Blocking**: Longitudinal Semi-conductive swellable tape
- **Water Blocking**: Radial applied water blocking tape
- **Outer Sheath**: Low Smoke Zero Halogen (LSZH)
- **Sheath Colour**: Red

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

Cleveland Cable Test & Training Lab
Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing.

ISO/IEC 17025 Accredited Testing Laboratory
UKAS TESTING 31196

CPR
Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.

Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.

ecovadis
Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

YMz1Krvasdlwd-12/20kv Power Cable - 50mm² to 630mm² - Dimensions

Reference	Conductor Size (mm2)	Nominal Conductor Diameter	Insulation Thickness (mm)	CWS(mm)	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
YMz1Krvasdlwd24 KV1X50	50	8.5	5.0	RM/25	2.4	30.5	1595
YMz1Krvasdlwd24 KV1X70	70	10.0	5.0	RM/25	2.4	31.5	1895
YMz1Krvasdlwd24 KV1X95	95	12.0	5.0	RM/25	2.4	33.5	2200
YMz1Krvasdlwd24 KV1X120	120	13.0	5.0	RM/25	2.4	35.0	2650
YMz1Krvasdlwd24 KV1X150	150	14.5	5.0	RM/25	2.4	36.5	2995
YMz1Krvasdlwd24 KV1X185	185	16.0	5.5	RM/25	2.5	38.0	3295
YMz1Krvasdlwd24 KV1X240	240	18.5	5.5	RM/25	2.5	41.0	3995
YMz1Krvasdlwd24 KV1X300	300	21.0	5.5	RM/25	2.5	43.0	4550
YMz1Krvasdlwd24 KV1X400	400	23.5	6.0	RM/25	2.6	46.0	5700
YMz1Krvasdlwd24 KV1X500	500	27.0	6.0	RM/25	2.6	48.5	6950
YMz1Krvasdlwd24 KV1X630	630	30.5	6.0	RM/25	2.6	53.0	8250

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