

RHZ1-OL, AL - 12/20 (24) kV Cable - 50mm² to 630mm²



Description

RHZ1-OL, AL is used for medium voltage installations or distribution networks both indoors and outdoors. It is commonly utilised in large infrastructure projects for 24KV power supply in transformer stations, infrastructure, wind turbines, solar parks, factory plants and data centres.

Key Features



Voltage Rating
12/20 (24kV)



Minimum Bending Radius
15 x Overall Diameter



Temperature Limits
Temperature Range: -15°C to + 90°C

Standards

- IEC 60502-2
- IEC 60228
- UNE 211605
- IEC/EN 60754-1/2
- HD 605, Subclause 2.2.13

Construction

- **Conductor:** Class 2 Stranded Aluminium
- **Conductor Screen:** Semi-Conductive material
- **Insulation:** XLPE, Semiconducting layer around the isolation. Easy strippable
- **Longitudinal Waterblocking:** Swellable Tapes
- **Screen:** Copper wires and copper tape
- **Longitudinal Water Blocking:** Swellable tapes
- **Outer Sheath:** Halogen free polyolefine type DMZ1 acc to 620-1 and type ST7 acc to IEC 60502-2

QA Lab

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. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



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

ecovadis

RHZ1-OL, AL - 12/20 (24) kV Cable - 50mm² to 630mm² - Dimensions

| Reference | Conductor Size (mm2) | No Of Cores | Current Value | Overall Diameter(mm) | Weight(Kg/Km) |
|------------------|----------------------|-------------|---------------|----------------------|---------------|
| RHZ1OLAL1X50/16 | 50/16 | 1 | 184 | 24.9 | 660 |
| RHZ1OLAL1X70/16 | 70/16 | 1 | 230 | 26.9 | 765 |
| RHZ1OLAL1X95/16 | 95/16 | 1 | 280 | 28.3 | 870 |
| RHZ1OLAL1X120/16 | 120/16 | 1 | 324 | 29.8 | 980 |
| RHZ1OLAL1X150/16 | 150/16 | 1 | 368 | 31.20 | 1085 |
| RHZ1OLAL1X185/16 | 185/16 | 1 | 424 | 32.80 | 1225 |
| RHZ1OLAL1X240/16 | 240/16 | 1 | 502 | 35.50 | 1455 |
| RHZ1OLAL1X240/25 | 240/25 | 1 | 455 | 39.60 | 1740 |
| RHZ1OLAL1X300/16 | 300/16 | 1 | 577 | 37.70 | 1655 |
| RHZ1OLAL1X400/16 | 400/16 | 1 | 673 | 41.0 | 2010 |
| RHZ1OLAL1X500/16 | 500/16 | 1 | 777 | 45.30 | 2390 |
| RHZ1OLAL1X500/35 | 500/35 | 1 | 720 | 45.4 | 2552 |
| RHZ1OLAL1X630/16 | 630/16 | 1 | 895 | 55.8 | 3970 |
| RHZ1OLAL1X630/50 | 630/50 | 1 | 840 | 53.1 | 3070 |

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