

## RHZ1-OL, AL - 12/20 (24) kV Cable - 50mm<sup>2</sup> to 630mm<sup>2</sup>



### 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 (24)kV



**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
- **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 - 50mm<sup>2</sup> to 630mm<sup>2</sup> - Dimensions

Reference	Conductor Size (mm <sup>2</sup> )	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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