RHZ1-2OL-AL - 8.7/15 (17.5) 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 17.5KV power supply in transformer stations, infrastructure, wind turbines, solar parks, factory plants and data centres.

Key Features

Voltage Rating
8.7/15kV

Minimum Bending Radius
15 x Overall Diameter

Temperature Limits
Temperature Range: -20°C to +90°C

Standards

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

Construction

- **Conductor**: Class 2 Stranded Aluminium Conductor
- **Conductor Screen**: Semi-Conductive material
- **Insulation**: Cross Linked polyethylene (XLPE)
- **Insulation Screen**: Semi-Conductive material
- **Longditudinal Waterblocking**: Swellable tapes
- **Metallic Screen**: Copper wires with equalising tape
- **Longditudinal Water Blocking**: Swellable tapes
- **Outer Sheath**: Halogen free polyolefine type DMZ1 acc to 620-1 and type ST7 acc to IEC 60502-2
- **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.

CLEVELAND CABLE COMPANY

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

RHZ1-2OL-AL - 8.7/15 (17.5) kV Cable - 50mm² to 630mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Nominal Conductor Diameter	Insulation Thickness (mm)	CWS(mm)	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
RHZ1OLAL1X50/16	50	1	8.0	5.5	RM/16	2.5	28.5	855
RHZ1OLAL1X95/16	95	1	11.3	5.5	RM/16	2.7	32.0	1100
RHZ1OLAL1X150/16	150	1	14.0	5.5	RM/16	3.0	34.0	1400
RHZ1OLAL1X240/16	240	1	18.1	5.5	RM/16	3.0	38.0	1800
RHZ1OLAL1X400/16	400	1	23.2	5.5	RM/16	3.0	43.5	2500
RHZ1OLAL1X630/16	630	1	29.2	5.5	RM/16	3.0	50.5	3500

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