

XHIE Cable Medium Voltage Cable 18/30 (36)kV 50mm² to 630mm²



Description

XHIE are single-core and three-core medium voltage power cables with copper conductors. The cables feature cross-linked polyethylene (XLPE) insulation, a copper tape metallic screen, and a polyethylene (PE) outer sheath. They are manufactured in accordance with IEC 60502-2 and generally comply with HD 620 requirements. The cable designations follow Portuguese standards. These medium voltage cables are available in the following rated voltages: 3.6/6 kV, 6/10 kV, 8.7/15 kV, 12/20 kV, and 18/30 kV.

XHIE cable is designed for industrial power distribution within power stations and sub stations. It is suitable for internal or external installations in open air on cable trays, or underground in ducts or directly buried in free draining soil. The polyethylene outer sheath provides a robust barrier with high resistance to abrasion, ultraviolet radiation, and environmental exposure.

Key Features

Standards

Construction

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

XHIE Cable Medium Voltage Cable 18/30 (36)kV 50mm² to 630mm² - Dimensions

Reference	Conductor Size (mm ²)	No Of Cores	Minimum Bending Radius	Overall Diameter(mm)	Weight(Kg/Km)
XHIE36KVCU1X50	50	1	525	35.0	1450
XHIE36KVCU3X50	50	3	1065	71.0	5800
XHIE36KVCU1X70	70	1	540	36.0	1700
XHIE36KVCU3X70	70	3	1125	75.0	6800
XHIE36KVCU1X95	95	1	570	38.0	2110
XHIE36KVCU3X95	95	3	1185	79.0	7995
XHIE36KVCU1X120	120	1	600	40	2310
XHIE36KVCU3X120	120	3	1245	83.0	9085
XHIE36KVCU1X150	150	1	615	41.0	2610
XHIE36KVCU3X150	150	3	1283	85.5	10055
XHIE36KVCU1X185	185	1	630	42.0	3000
XHIE36KVCU3X185	185	3	1320	88.0	11495
XHIE36KVCU1X240	240	1	675	45.0	3635
XHIE36KVCU1X300	300	1	720	48.0	4330
XHIE36KVCU1X400	400	1	765	51.0	5320
XHIE36KVCU1X500	500	1	825	55.0	6330
XHIE36KVCU1X630	630	1	870	58.0	8030

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