EAY2Y 0.6/1kV Cable



Description

EAY2Y are Power distribution cables used in power stations , industrial installations, switchgears and local mains. They are low voltage aluminium cables with PVC sheath and HDPE outer sheath most often used in the renewable energy industries. The E-AY2Y is designed for fixed installation underground, in buildings, cable ducts or in open air on tray or racking. They are suitable for use in applications under mechanical stress. The outer sheath is hardwearing, durable and provides flame retardance to IEC/EN 60332-1

Key Features

Core Identification
HD 308 S2

Voltage Rating
600/1000 Volts

Minimum Bending Radius
15 x Overall Diameter

Flame Retardancy
BS EN/IEC 60332-1

Temperature Limits
Temperature Range: -5°C to +70°C

Core Colours

Core Colours

1 Core - Green Yellow or Black

4 core - Brown Blue Black Green Yellow

Standards

- BS EN/IEC 60332-1
- HD 603 S1
- HD 308 S2
- BS EN/IEC 60228

Construction

- **Conductor**: Class 2 Aluminimum conductors according to EN 60228
- **Insulation**: Polyvinyl Chloride (PVC)
- **Filler**: Polyvinyl Chloride (PVC)
- **Outer Sheath**: High Density Polyethylene (HDPE)
- **Sheath Colour**: Black

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

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

EAY2Y 0.6/1kV Cable - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Conductor Type	Overall Diameter(mm)	Weight(Kg/Km)
EAY2Y1KV4X16	16	4	ROUND STRANDED	21.0	555
EAY2Y1KV4X25	25	4	ROUND STRANDED	24.0	775
EAY2YE1KV4X35	35	4	ROUND STRANDED	26.0	800
EAY2Y1KV4X35	35	4	SECTORED STRANDED	25.0	740
EAY2Y1KV4X50	50	4	ROUND STRANDED	28.0	1100
EAY2YS1KV4X50	50	4	SECTORED STRANDED	26.5	1000
EAY2Y1KV4X70	70	4	ROUND STRANDED	29.5	1345
EAY2YS1KV4X70	70	4	SECTORED STRANDED	30.5	1210
EAY2Y1KV4X95	95	4	ROUND STRANDED	36.0	1800
EAY2YS1KV4X95	95	4	SECTORED STRANDED	34.0	1725
EAY2Y1KV1X120	120	1	ROUND STRANDED	20.0	525
EAY2Y1KV1X150	150	1	ROUND STRANDED	23.0	630
EAY2Y1KV4X150	150	4	ROUND STRANDED	43.0	2700
EAY2YS1KV4X150	150	4	SECTORED STRANDED	41.0	2585
EAY2Y1KV1X185	185	1	ROUND STRANDED	25.5	755
EAY2Y1KV4X185	185	4	ROUND STRANDED	47.5	3095
EAY2YS1KV4X185	185	4	SECTORED STRANDED	46.0	2945
EAY2Y1KV1X240	240	1	ROUND STRANDED	27.5	990
EAY2Y1KV4X240	240	4	ROUND STRANDED	53.5	4155
EAY2YS1KV4X240	240	4	SECTORED STRANDED	54.0	4220
EAY2Y1KV1X300	300	1	ROUND STRANDED	29.0	1205
EAY2YS1KV4X300	300	4	SECTORED STRANDED	60.0	4650

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