

EAYY 0.6/1kV Cable



Description

EAYY is a 0.6/1kV low voltage unarmoured power cable used in a range of industries, including renewable energy and petrochemicals. The PVC insulation and sheath are ideal for where the cable may be exposed to changes in temperature. The PVC sheath is durable and offers protection against UV radiation and a resistance to chemicals including oils, acids and alkalis. The cable is flame retardant and can be used indoors, outdoors, in water or underground.

Key Features



Core Identification
HD 308 S2



Voltage Rating
600/1000 Volts



Minimum Bending Radius
Single Core 15 x Overall Diameter
Multicore 12 x Overall Diameter



Flame Retardancy
BS EN/IEC 60332-1



Temperature Limits
Temperature Range:
Fixed: -20°C to +70°C
Flexing: -5°C to +70°C
Maximum short circuit temperature:
300mm² and under: 160°C
Over 300mm²: 140°C

Core Colours

1 Core - Green Yellow or Black

2 core - Brown Blue

3 core - Brown Blue Green Yellow

4 core - Brown Blue Black Green Yellow

5 core - Brown Blue Black Grey Green Yellow

Standards

- BS EN/IEC 60332-1
- BS EN/IEC 60228
- HD 308 S2
- HD 603 S1
- ÖVE/ÖNORM E 8200-603
- ÖVE/ÖNORM E 8200-627

Construction

- **Conductor:** Class 1 or 2 Stranded Aluminium
- **Insulation:** Polyvinyl Chloride (PVC)
- **Filler:** Polyvinyl Chloride (PVC)
- **Outer Sheath:** Polyvinyl Chloride (PVC)
- **Sheath Colour:** Black

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

EAYY 0.6/1kV Cable - Dimensions

Reference	Conductor Size (mm ²)	No Of Cores	Conductor Type	Overall Diameter(mm)	Weight(Kg/Km)
EAYYALPVC1KV5X10	10	5	SOLID	21.0	425
EAYYALPVC1KV1X16	16	1	SOLID	9.5	120
EAYYALPVC1KV4X16	16	4	STRANDED	19	415
EAYYALPVC1KV5X16	16	5	SOLID	23.0	525
EAYYALPVC1KV1X25	25	1	STRANDED	11.5	175
EAYYALPVC1KV4X25	25	4	STRANDED	24	890
EAYYALPVC1KV5X25	25	5	STRANDED	27.0	1025
EAYYALPVC1KV1X35	35	1	STRANDED	13.0	210
EAYYALPVC1KV4X35	35	4	STRANDED	28	1075
EAYYALPVC1KV5X35	35	5	STRANDED	31.0	1235
EAYYALPVC1KV1X50	50	1	STRANDED	14.0	285
EAYYALPVC1KV4X50	50	4	CLASS 2 SECTORED	29	1020
EAYYALPVC1KV5X50	50	5	STRANDED	34.5	1555
EAYYALPVC1KV1X70	70	1	STRANDED	16.0	365
EAYYALPVC1KV4X70	70	4	CLASS 2 SECTORED	34.0	1315
EAYYALPVC1KV5X70	70	5	STRANDED	39.5	2025
EAYYALPVC1KV1X95	95	1	STRANDED	18.0	520
EAYYALPVC1KV4X95	95	4	CLASS 2 SECTORED	37.0	1700
EAYYALPVC1KV5X95	95	5	STRANDED	46.0	2600
EAYYALPVC1KV1X120	120	1	STRANDED	19.5	560
EAYYALPVC1KV4X120	120	4	CLASS 2 SECTORED	40.0	2465
EAYYALPVC1KV5X120	120	5	STRANDED	49.0	3200
EAYYALPVC1KV1X150	150	1	STRANDED	22.0	675
EAYYALPVC1KV4X150	150	4	CLASS 2 SECTORED	43.0	2600
EAYYALPVC1KV5X150	150	5	STRANDED	56	4300
EAYYALPVC1KV1X185	185	1	STRANDED	24.0	830
EAYYALPVC1KV4X185	185	4	CLASS 2 SECTORED	52.5	3790
EAYYALPVC1KV5X185	185	5	STRANDED	61	5350
EAYYALPVC1KV1X240	240	1	STRANDED	27.0	1065
EAYYALPVC1KV4X240	240	4	CLASS 2 SECTORED	55.0	4100
EAYYALPVC1KV5X240	240	5	STRANDED	70	7600
EAYYALPVC1KV1X300	300	1	STRANDED	30.0	1290
EAYYALPVC1KV4X300	300	4	CLASS 2 SECTORED	59.0	5000

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.