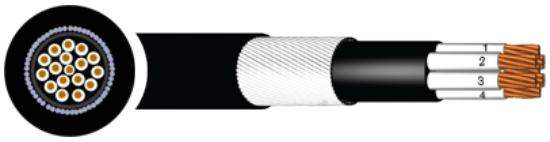
# Utililty Industry Control Cable - SWA, PVC - 2.5mm²




## Description

This is a utility industries multicore control cable that is mainly used in substations and power stations. The cable is manufactured to specification ENATS 09-6 (Electrical National Association and Technical specification). ENATS is the governing body who cover utilities specification cables.

## Key Features

**Voltage Rating**
600/1000 Volts

**Flame Retardancy**
IEC 60332-3-24c

## Core Colours

White numbered cores

## Standards

- ENATS 09-6: Issue 8 Section 3.6

## Construction

- **Conductor**: Stranded Plain Annealed Copper Conductors
- **Insulation**: Polyvinyl Chloride (PVC)
- **Bedding**: Polyvinyl Chloride (PVC)
- **Armour**: Galvanised Steel Wire Armour (SWA)
- **Sheath**: PVC (Polyvinyl Chloride)
- **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

## Utililty Industry Control Cable - SWA, PVC - 2.5mm² - Dimensions

| Reference | Conductor Size (mm2) | No Of Cores | Stranding(mm) | Overall Diameter(mm) | Weight(Kg/Km) | Nylon Cleat Size | Gland Size |
|---|---|---|---|---|---|---|---|
| 6942X2/5ESI | 2.5 | 2 | 7/0.67 | 12.2 | 329 | 0.5 | 20S |
| 6942X2/5ESI/TFK | 2.5 | 2 | 7/0.67 | 13.2 | 352 | 0.5 | 20S |
| 6943X2/5ESI | 2.5 | 3 | 7/0.67 | 13.5 | 396 | 0.6 | 20S |
| 6943X2/5ESI/TFK | 2.5 | 3 | 7/0.67 | 14.7 | 397 | 0.6 | 20S |
| 6944X2/5ESI | 2.5 | 4 | 7/0.67 | 14.4 | 423 | 0.6 | 20 |
| 6944X2/5ESI/TFK | 2.5 | 4 | 7/0.67 | 14.7 | 452 | 0.6 | 20 |
| 6947X2/5/7 | 2.5 | 7 | 7/0.67 | 17.2 | 672 | 0.7 | 20 |
| 6947X2/5/7/TFK | 2.5 | 7 | 7/0.53 | 17.2 | 685 | 0.6 | 20 |
| 6940/12X2/5/7 | 2.5 | 12 | 7/0.67 | 21.3 | 967 | 0.9 | 25 |
| 6940/12X2/5/7/TFK | 2.5 | 12 | 7/0.53 | 21.3 | 910 | 0.9 | 25 |
| 6940/19X2/5/7 | 2.5 | 19 | 7/0.67 | 25.4 | 1482 | 1.1 | 25 |
| 6940/19X2/5/7/TFK | 2.5 | 19 | 7/0.53 | 25.4 | 1482 | 1.1 | 25 |
| 6940/27X2/5/7 | 2.5 | 27 | 7/0.67 | 29.3 | 1920 | 1.2 | 32 |
| 6940/27X2/5/7/TFK | 2.5 | 27 | 7/0.53 | 29.3 | 1928 | 1.2 | 32 |
| 6940/37X2/5/7 | 2.5 | 37 | 7/0.67 | 33.1 | 2185 | 1.4 | 40 |
| 6940/37X2/5/7/TFK | 2.5 | 37 | 7/0.53 | 33.1 | 2360 | 1.4 | 40 |

## ENATS 09-6 PVC UTILITY CONTROL CABLE – ELECTRICAL CHARACTERISTICS

| NOMINAL CROSS SECTIONAL AREA | CONTINUOUS CURRENT RATING | | | MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C |
|---|---|---|---|---|
| ($MM^2$) | 2 CORE | 3 & 4 CORE | 5 CORE & ABOVE | CLASS 2 COPPER CONDUCTOR |
| 2.5 | 26 | 21 | 18 | 7.56 |

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.