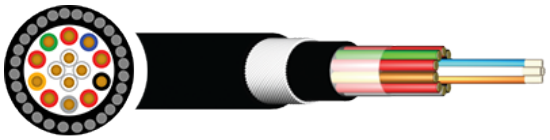
ENATS 09-6 Telecommunications Cable - SCR, SWA, LSZH - 0.50mm



Description

Telecommunication cable, available in 0.5mm and 2, 5, 10 or 20 pairs and manufactured to ENATS 09-6. The cable features solid plain annealed copper conductors, polyethylene insulated, twisted to form pairs, collective aluminium/mylar foil tape screen complete with 0.5mm2 drain, wire, low smoke zero halogen (LSZH) bedding, galvanised steel wire armour, low smoke and zero halogen (LSZH) sheath. Black. Generally to ENATS 09-6: Issue 6 Section 4.5.

The primary use of this telecommunication cable is with control indication and alarm equipment for switchgear. They are suitable for installing in circuits where the minimal voltage does not exceed ISOV DC or 110VaC.

Key Features

Minimum Bending Radius
10 x Overall Diameter

Flame Retardancy
BS EN/IEC 60332-1
BS EN/IEC 60332-3-24

Temperature Limits
Fixed: -40°C to +90°C
Flexing: -5°C up to +90°C

Core Colours

**All two pair cables are in quad formation and colour coded in rotation

White	Red	Blue	Orange

For 30 pair cables the formation will be 3 x 10 pair units numbered - 1, 2 & 3

For 40 pair cables the formation will be 2 x 20 pair units numbered - 1 & 2

For 50 pair cables the formation will be 5 x 10 pair units numbered - 1, 2 3, 4 & 5

For 100 pair cables the formation will be 5 x 20 pair units numbered - 1, 2, 3, 4 & 5

Standards

- ENATS 09-6: Issue 8 Section 4.5

Construction

- **Conductor**: Tinned Annealed Flexible Copper Conductors Laid up in pairs
- **Insulation**: Low Smoke Zero Halogen (LSZH)
- **Screen**: Collective Aluminium/mylar tape with 0.5mm drain wire
- **Bedding**: Low Smoke Zero Halogen (LSZH)
- **Armour**: Galvanised Steel Wire Armour (GSWA)
- **Outer Sheath**: Low Smoke Zero Halogen (LSZH)
- **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

ENATS 09-6 Telecommunications Cable - SCR, SWA, LSZH - 0.50mm - Dimensions

Reference	Conductor Size (mm2)	No Of Pairs	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)	Nylon Cleat Size	Gland Size
13601	0.5	2	1/0.80	10.90	260	0.5	20S
13603	0.5	5	1/0.80	14.33	328	0.6	20S
13604	0.5	10	1/0.80	17.22	602	0.7	20
13606	0.5	20	1/0.80	20.38	790	0.9	25

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.