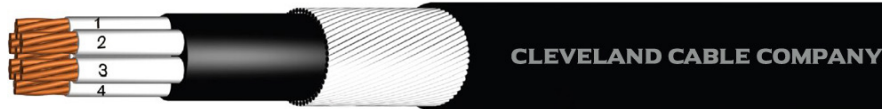
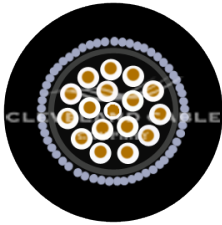


694* ENATS 09-6 PVC UTILITY INDUSTRY MULTICORE CONTROL CABLE



APPLICATION

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.

CABLE STANDARDS

ENATS 09-6: Issue 8 Section 3.6

BS7870-8.1:2003

Flame retardant to IEC 60332-3-24c

CONSTRUCTION

Conductor: Stranded Plain Annealed Copper Conductors

Insulation: Polyvinyl Chloride (PVC)

Bedding: Polyvinyl Chloride (PVC)

Armouring: Galvanised Steel Wire Armour

Sheath: PVC

Sheath Colour: ■ Black

CHARACTERISTICS

Voltage Rating: 600/1000 Volts

Temperature Limits: -30°C to +70°C

Minimum Bending Radius: As per cable manufacturer datasheet

Should not be installed at temperatures below 0°C or above +40°C

ENATS 09-6 PVC UTILITY INDUSTRY CONTROL CABLE - DIMENSIONS

CCC CODE	CONDUCTOR SIZE (MM ²)	STRANDING (MM)	NO. OF CORES	WEIGHT (KG/KM)	OVERALL DIAMETER (MM)	GLAND SIZE	NYLON CLEAT SIZE
6942X2/5ESI	2.5	7/0.67	2	329	12.2	20S	0.5
6943X2/5ESI	2.5	7/0.67	3	396	13.5	20S	0.6
6944X2/5ESI	2.5	7/0.67	4	423	14.4	20	0.6
6947X2/5/7	2.5	7/0.67	7	672	17.2	20	0.7
6940/12X2/5/7	2.5	7/0.67	12	967	21.3	25	0.9
6940/19X2/5/7	2.5	7/0.67	19	1482	25.4	25	1.1
6940/27X2/5/7	2.5	7/0.67	27	1920	29.3	32	1.2
6940/37X2/5/7	2.5	7/0.67	37	2185	33.1	40	1.4

ENATS 09-6 PVC CONTROL CABLE – ELECTRICAL CHARACTERISTICS

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

THE ABOVE IS IN ACCORDANCE WITH 18TH EDITION OF IET WIRING REGULATIONS

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.