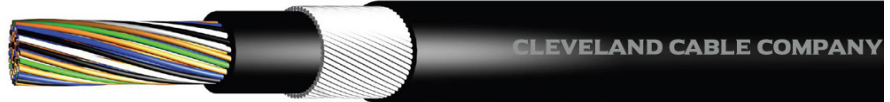


## ENATS 09-6 PVC 0.63MM<sup>2</sup> COMMUNICATION CABLE - TELEPHONE



### APPLICATION

ENATS 90-6 Telecommunication cable is a PVC insulated, multipair, light current control cable which is intended to be used for feeder protection in control, alarm equipment and switchgear. The cable can also be used in power stations where the voltage does not exceed 150V d.c or 110V a.c. The cable can be installed where there is risk of mechanical impact due to the steel wired armouring.

### CABLE STANDARDS

ENATS 09-6 issue Section 5 3.6  
BS4066 Part 1  
IEC 332 Part 1.

### CONSTRUCTION

**Conductor:** Solid tinned annealed copper conductors twisted to form pairs

**Insulation:** PVC insulated

**Bedding:** PVC bedding

**Armouring:** Galvanised steel wire armour

**Sheath:** PVC sheath

**Sheath Colour:** ■ Black

### CHARACTERISTICS

**Temperature Limits:** -20°C to +70°C

**Minimum Bending Radius:** As per cable manufacturer datasheet

Should not be installed at temperatures below 0°C

## ENATS 09-6 PVC 0.63MM<sup>2</sup> - TELEPHONE CABLE - CORE COLOURS

7 PAIR:  RED / YELLOW  BLACK / VIOLET  ORANGE / GREY\*\* GREEN / BROWN  ORANGE / BLUE  GREEN / BROWN  
 ORANGE / WHITE

\*\* DENOTES CARRIER PAIR

19 PAIR:  BLACK / VIOLET  RED / YELLOW  GREEN / BROWN  RED / YELLOW  GREEN / BROWN  RED / YELLOW  
 GREEN / BROWN  RED / YELLOW

AS 7 PAIR - PLUS  GREEN / BROWN  RED / YELLOW  GREEN / BROWN  BLUE / WHITE

37 PAIR:  BLACK / VIOLET  RED / YELLOW  GREEN / BROWN  RED / YELLOW  GREEN / BROWN  RED / YELLOW  
 GREEN / BROWN  RED / YELLOW

AS 19 PAIR - PLUS  GREEN / BROWN  RED / YELLOW  GREEN / BROWN  RED / YELLOW  GREEN / BROWN  RED / YELLOW  
 GREEN / BROWN  RED / YELLOW  GREEN / BROWN  BLUE / WHITE

## ENATS 09-6 PVC 0.63MM<sup>2</sup> - TELEPHONE CABLE - DIMENSIONS

| CCC CODE | CONDUCTOR SIZE (MM <sup>2</sup> ) | STRANDING (MM) | NUMBER OF CORES | WEIGHT (KG/KM) | OVERALL DIAMETER (MM) | GLAND SIZE | NYLON CLEAT SIZE |
|----------|-----------------------------------|----------------|-----------------|----------------|-----------------------|------------|------------------|
| 13081    | 0.63                              | 1/0.9          | **2             | 206            | 10.31                 | 20S        | 0.5              |
| 13083    | 0.63                              | 1/0.9          | 5               | 333            | 14.1                  | 20S        | 0.6              |
| 13084    | 0.63                              | 1/0.9          | 10              | 586            | 17.38                 | 20         | 0.7              |
| 13085    | 0.63                              | 1/0.9          | 15              | 796            | 19.5                  | 20         | 0.8              |
| 13086    | 0.63                              | 1/0.9          | 20              | 939            | 22.48                 | 25         | 0.9              |
| 13087    | 0.63                              | 1/0.9          | 25              | 1245           | 21.3                  | 25         | 0.9              |
| 13088    | 0.63                              | 1/0.9          | 30              | 1400           | 23.9                  | 25         | 1                |
| 13089    | 0.63                              | 1/0.9          | 40              | 1686           | 28.2                  | 32         | 1.2              |
| 13090    | 0.63                              | 1/0.9          | 50              | 1952           | 32.87                 | 32         | 1.4              |
| -        | 0.63                              | 1/0.9          | 60              | 2183           | 35                    | 40         | 1.4              |
| -        | 0.63                              | 1/0.9          | 75              | 2342           | 37                    | 40         | 1.6              |
| 13091    | 0.63                              | 1/0.9          | 100             | 3613           | 41.8                  | 50S        | 1.8              |
|          |                                   |                |                 |                |                       |            |                  |

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.