



ENATS 09-6 PVC SCREENED COMMUNICATION CABLE - TELEPHONE



APPLICATION

Telecommunication cable is predominantly used in electrical instrumentation and communications. The cable is manufactured to specification ENATS 09-6 Section 4.5. (Electrical National Association and Technical specification). ENATS is the governing body who cover utilities specification cables.

CONSTRUCTION

Conductor: Solid Plain Annealed Copper Conductors

Screen: Collective Aluminium \ Mylar tape screen with 0.5mm² drain wire

Insulation: Polyvinyl Chloride (PVC)

Bedding: Polyvinyl Chloride (PVC)

Armouring: Galvanised Steel Wire Armour

Sheath: Polyvinyl Chloride (PVC)

Sheath Colour: **Black**

CABLE STANDARDS

ENATS 09-6: Issue 8 Section 4.5

Flame propagation to:

IEC BS4066 PT1

IEC 332 PT1

CHARACTERISTICS

Temperature Limits: -20°C to +70°C

Minimum Bending Radius: As per manufacturers datasheet

**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.

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

For more information contact:
01642 241 133



ENATS 09-6 PVC SCREENED COMMUNICATION CABLE - DIMENSIONS

| CCC CODE | CONDUCTOR SIZE (MM ²) | STRANDING (MM) | NUMBER OF PAIRS | WEIGHT (KG/KM) | OVERALL DIAMETER (MM) | GLAND SIZE | NYLON CLEAT SIZE |
|----------|-----------------------------------|----------------|-----------------|----------------|-----------------------|------------|------------------|
| 13401 | 0.5 | 1/0.8 | **2 | 223 | 10.3 | 20S | 0.5 |
| 13403 | 0.5 | 1/0.8 | 5 | 349 | 13.74 | 20S | 0.6 |
| 13404 | 0.5 | 1/0.8 | 10 | 599 | 18.14 | 20 | 0.8 |
| 13405 | 0.5 | 1/0.8 | 15 | 795 | 19.4 | 20 | 0.8 |
| 13406 | 0.5 | 1/0.8 | 20 | 900 | 22.34 | 25 | 0.9 |
| 13407 | 0.5 | 1/0.8 | 25 | 1159 | 23.5 | 25 | 1 |
| 13408 | 0.5 | 1/0.8 | 30 | 1332 | 25.21 | 25 | 1 |
| 13409 | 0.5 | 1/0.8 | 40 | 1435 | 28 | 32 | 1.2 |
| 13410 | 0.5 | 1/0.8 | 50 | 1926 | 31.44 | 32 | 1.4 |
| 13411 | 0.5 | 1/0.8 | 100 | 3041 | 44.7 | 50S | 1.8 |

ENATS 09-6 PVC SCREENED COMMUNICATION CABLE - COLOUR

| PAIR NUMBER | A WIRE | B WIRE |
|-------------|--------|--------|
| 1 | WHITE | BLUE |
| 2 | WHITE | ORANGE |
| 3 | WHITE | GREEN |
| 4 | WHITE | BROWN |
| 5 | WHITE | GREY |
| 6 | RED | BLUE |
| 7 | RED | ORANGE |
| 8 | RED | GREEN |
| 9 | RED | BROWN |
| 10 | RED | GREY |
| 11 | BLACK | BLUE |
| 12 | BLACK | ORANGE |
| 13 | BLACK | GREEN |
| 14 | BLACK | BROWN |
| 15 | BLACK | GREY |
| 16 | YELLOW | BLUE |
| 17 | YELLOW | ORANGE |
| 18 | YELLOW | GREEN |
| 19 | YELLOW | BROWN |
| 20 | YELLOW | GREY |

| EACH UNIT IS LAPPED WITH COLOURED TAPE FOR IDENTIFICATION AS FOLLOWS | |
|--|--------|
| UNIT 1 | BLUE |
| UNIT 2 | ORANGE |
| UNIT 3 | GREEN |
| UNIT 4 | BROWN |
| UNIT 5 | GREY |
| UNIT 6 | WHITE |
| UNIT 7 | RED |
| UNIT 8 | BLACK |
| UNIT 9 | YELLOW |
| UNIT10 | VIOLET |

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For more information contact:
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