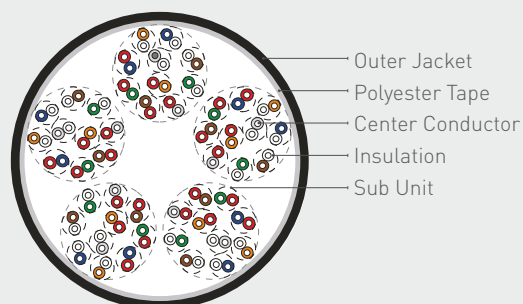
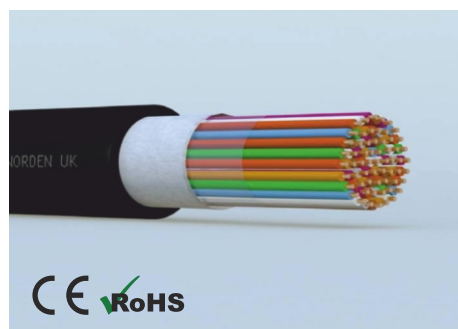


EXTERNAL TELEPHONE CABLE CW 1128

External Telephone Cables from NORDEN are primarily designed for the interconnection of telephone equipment. In addition, these cables may be used for interconnection of other communication and control equipment or low level signaling applications.



CABLE STANDARD

CW 1128 JELLY FILLED UNSCREENED CABLE

CABLE CONSTRUCTION

| | |
|------------------|---|
| Conductor | Class 1 Solid annealed Bare Copper Conductors to BS 6360 |
| Insulation | Solid PE (Polyethylene) |
| Twisted Pair | Two single wires are twisted to form a Pair |
| No. of Twist/mtr | 16 (Avg.) |
| Separator | Polyester Tape and Water Blocking Tape Both helically wrapped |
| Core Filler | Petroleum Jelly Compound |
| Outer Jacket | PE (Polyethylene) |
| Jacket Colour | Black |

PHYSICAL CHARACTERISTICS

| Characteristic | Value | | |
|-----------------------------------|------------------|---------|---------|
| | 0.4 mm | 0.5 mm | 0.63 mm |
| Conductor Size | 26 AWG | 24 AWG | 22 AWG |
| Nom. Insulation Thickness | 0.175 mm | 0.20 mm | 0.30 mm |
| Nom. Insulated Conductor Diameter | 0.75 mm | 0.90 mm | 1.50 mm |
| Min. Bending Radius | 10 x D | | |
| Operating Temperature | -20 °C to +70 °C | | |

ELECTRICAL CHARACTERISTICS

| Characteristic | Unit | Value | | |
|--|---------|--------|--------|---------|
| | | 0.4 mm | 0.5 mm | 0.63 mm |
| Max. Conductor DC Resistant @ 20 °C | Ω/km | 143 | 91 | 58 |
| Min. Insulation Resistant at 500 VDC | MΩ.km | 1500 | 1500 | 1500 |
| Max. Average Mutual Capacitance @ 800 Hz | nF/km | 56 | 56 | 56 |
| Max. Capacitance Unbalance @ 800 Hz (Pair to Pair) | pF/500m | 275 | 275 | 275 |

EXTERNAL TELEPHONE CABLE CW 1128

INSULATION COLOUR CODE

| Pair Colour Code | | | Unit Binder Colour Code | |
|------------------|-----------------|-----------------|-------------------------|--------------------|
| Pair No. | Wire - A Colour | Wire - B Colour | Unit No. | Binder Tape Colour |
| 1 | White | Blue | 1 | Blue |
| 2 | White | Orange | 2 | Orange |
| 3 | White | Green | 3 | Green |
| 4 | White | Brown | 4 | Brown |
| 5 | White | Grey | 5 | Grey |
| 6 | Red | Blue | 6 | White |
| 7 | Red | Orange | 7 | Red |
| 8 | Red | Green | 8 | Black |
| 9 | Red | Brown | 9 | Yellow |
| 10 | Red | Grey | 10 | Violet |

ORDERING INFORMATION

| Part Number | Description | Conductor Diameter (mm) | Pair Config. | Max. Overall Diameter (mm) |
|--------------|---|-------------------------|--------------|----------------------------|
| 212-02013005 | 0.4 mm 005 Pair External Telephone Cable CW 1128 | 0.4 | 1 x 5P | 7.5 |
| 212-02013010 | 0.4 mm 010 Pair External Telephone Cable CW 1128 | 0.4 | 1 x 10P | 8.5 |
| 212-02013020 | 0.4 mm 020 Pair External Telephone Cable CW 1128 | 0.4 | 2 x 10P | 10.0 |
| 212-02013030 | 0.4 mm 030 Pair External Telephone Cable CW 1128 | 0.4 | 3 x 10P | 11.8 |
| 212-02013050 | 0.4 mm 050 Pair External Telephone Cable CW 1128 | 0.4 | 5 x 10P | 14.0 |
| 212-02013100 | 0.4 mm 100 Pair External Telephone Cable CW 1128 | 0.4 | 10 x 10P | 18.5 |
| 212-02013150 | 0.4 mm 150 Pair External Telephone Cable CW 1128 | 0.4 | 3 x 50P | 22.3 |
| 212-02013200 | 0.4 mm 200 Pair External Telephone Cable CW 1128 | 0.4 | 4 x 50P | 25.2 |
| | | | | |
| 212-02023005 | 0.5 mm 005 Pair External Telephone Cable CW 1128 | 0.5 | 1 x 5P | 8.0 |
| 212-02023010 | 0.5 mm 010 Pair External Telephone Cable CW 1128 | 0.5 | 1 x 10P | 9.5 |
| 212-02023020 | 0.5 mm 020 Pair External Telephone Cable CW 1128 | 0.5 | 2 x 10P | 12.0 |
| 212-02023030 | 0.5 mm 030 Pair External Telephone Cable CW 1128 | 0.5 | 3 x 10P | 13.8 |
| 212-02023050 | 0.5 mm 050 Pair External Telephone Cable CW 1128 | 0.5 | 5 x 10P | 16.5 |
| 212-02023100 | 0.5 mm 100 Pair External Telephone Cable CW 1128 | 0.5 | 10 x 10P | 22.0 |
| 212-02023150 | 0.5 mm 150 Pair External Telephone Cable CW 1128 | 0.5 | 3 x 50P | 26.3 |
| 212-02023200 | 0.5 mm 200 Pair External Telephone Cable CW 1128 | 0.5 | 4 x 50P | 29.8 |
| | | | | |
| 212-02043005 | 0.63 mm 005 Pair External Telephone Cable CW 1128 | 0.63 | 1 x 5P | 9.5 |
| 212-02043010 | 0.63 mm 010 Pair External Telephone Cable CW 1128 | 0.63 | 1 x 10P | 11.5 |
| 212-02043020 | 0.63 mm 020 Pair External Telephone Cable CW 1128 | 0.63 | 2 x 10P | 14.0 |
| 212-02043030 | 0.63 mm 030 Pair External Telephone Cable CW 1128 | 0.63 | 3 x 10P | 17.0 |
| 212-02043050 | 0.63 mm 050 Pair External Telephone Cable CW 1128 | 0.63 | 5 x 10P | 20.5 |
| 212-02043100 | 0.63 mm 100 Pair External Telephone Cable CW 1128 | 0.63 | 10 x 10P | 27.5 |
| 212-02043150 | 0.63 mm 150 Pair External Telephone Cable CW 1128 | 0.63 | 3 x 50P | 32.7 |
| 212-02043200 | 0.63 mm 200 Pair External Telephone Cable CW 1128 | 0.63 | 4 x 50P | 37.5 |

EXTERNAL TELEPHONE CABLE CW 1128

PACKING INFORMATION

| Product Type | Cable Length (meter) | Packing Mode | N.W (kg) | G.W (kg) | Dimension (mm) |
|--------------|----------------------|--------------|----------|----------|-------------------|
| 5 Pair | 1000 | Wooden Drum | 90.0 | 140.0 | 1000 x 1000 x 750 |
| 10 Pair | 1000 | Wooden Drum | 150.0 | 190.0 | 1000 x 1000 x 750 |
| 20 Pair | 1000 | Wooden Drum | 220.0 | 280.0 | 1000 x 1000 x 750 |
| 30 Pair | 1000 | Wooden Drum | 305.0 | 365.0 | 1300 x 1300 x 750 |
| 50 Pair | 1000 | Wooden Drum | 510.0 | 570.0 | 1300 x 1300 x 750 |
| 100 Pair | 1000 | Wooden Drum | 760.0 | 950.0 | 1600 x 1600 x 760 |
| 150 Pair | 1000 | Wooden Drum | 1575.0 | 1755.0 | 1600 x 1600 x 900 |
| 200 Pair | 1000 | Wooden Drum | 1890.0 | 2090.0 | 1600 x 1600 x 980 |