

CW1128/1198



Technical data

- **Temperature rating:** 70 °C
- **Minimum bending radius**
10 x cable diameter
- **Maximum conductor resistance at 20 °C**
96 Ohm/km
- **Nominal diameter of conductors**
0.5 mm
- **Average mutual capacitance**
56 pF/km

Cable structure

- Conductor: solid bare copper
- Insulation: foam PE
- Filler: petroleum jelly
- Separator: tape
- Inner sheath: PE
- Armoring: GSWA (Galvanized Steel Wire Armor)
- Sheath: PE
- Sheath color: black

Pair identification

- Quad: Orange/Green/White/Black
- Pair 1: White/Blue
- Pair 2: White/Orange
- Pair 3: White/Green
- Pair 4: White/Brown
- Pair 5: White/Grey
- Pair 6: Red/Blue
- Pair 7: Red/Orange
- Pair 8: Red/Green
- Pair 9: Red/Brown
- Pair 10: Red/Grey

Tape lapping identification

- 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
- Unit 10: Violet

Application

The cable is mainly designed to connect telephone equipments and can be used in low level signaling applications. It is suitable for outdoor usage and direct burial, being UV and moisture resistant.

No. of Pairs x Nominal Diameter of Conductors # x mm	Pair Configuration	Outer Diameter mm
2 x 0.5	1 Quad	—
2 x 0.9	1 Quad	—
5 x 0.5	1 x 5 Pairs	14.7
5 x 0.9	1 x 5 Pairs	19.0
10 x 0.5	1 x 10 Pairs	16.2
10 x 0.9	1 x 10 Pairs	22.3
20 x 0.5	4 x 5 Pairs	17.2

No. of Pairs x Nominal Diameter of Conductors # x mm	Pair Configuration	Outer Diameter mm
20 x 0.9	4 x 5 Pairs	26.6
30 x 0.5	3 x 10 Pairs	18.4
30 x 0.9	3 x 10 Pairs	27.8
50 x 0.5	5 x 10 Pairs	24.8
50 x 0.9	5 x 10 Pairs	36.0
100 x 0.5	10 x 10 Pairs	30.5
100 x 0.9	10 x 10 Pairs	46.0