

CW1128/1198 EXTERNAL SWA TELEPHONE CABLE



CW1128 External cable with steel wire armour (SWA) making it suitable for direct burial applications. Engineered to excel in telephone equipment interconnections and diverse communication scenarios, this cable has PE sheathing for robust protection against outdoor elements, ensuring consistent performance in challenging environments. Designed for low-frequency signal handling over short distances, our cable guarantees seamless data transmission and signalling,

| | |
|-------------------------------|--|
| CONDUCTOR | Plain Copper |
| STRANDING | Class 1 |
| BEDDING | PE |
| ARMOUR | Steel Wire Armour |
| OUTERSHEATH COLOUR | Black |
| MINIMUM BENDING RADIUS | 10 x overall diameter |
| OPERATING TEMPERATURE | 0°C to +40°C* (*Maximum continuous temperature of standard jelly compound) |
| STANDARDS | Generally complies with BT Specification CW1128/1198â€™™ |

SPECIFICATION DATA

| BATT Part No | No of pairs | Nominal diameter of conductors (mm) | Nominal diameter under armour (mm) | Nominal diameter of armour (mm) | Approx overall diameter (mm) | Weight (kg/km) |
|--------------|-------------|-------------------------------------|------------------------------------|---------------------------------|------------------------------|----------------|
| 42125 | 2pr(QUAD) | 0.50 | 7.5 | 0.9 | 12.7 | 191 |
| 42126 | 5pr | 0.50 | 8.0 | 0.9 | 13.2 | 218 |
| 42127 | 10pr | 0.50 | 9.5 | 0.9 | 14.7 | 259 |
| 42128 | 20pr | 0.50 | 12 | 0.9 | 17.2 | 358 |
| 42232 | 30pr | 0.50 | 12.5 | 1.25 | 18.4 | 530 |
| 42129 | 50pr | 0.50 | 16.5 | 2 | 23.3 | 851 |

| BATT Part No | No of pairs | Nominal diameter of conductors (mm) | Nominal diameter under armour (mm) | Nominal diameter of armour (mm) | Approx overall diameter | Weight (kg/km) |
|--------------|-------------|-------------------------------------|------------------------------------|---------------------------------|-------------------------|----------------|
| 42205 | 2pr(QUAD) | 0.90 | 9 | 0.9 | 14.2 | 308 |
| 42144 | 5pr | 0.90 | 11.5 | 0.9 | 16.7 | 379 |
| 42143 | 10pr | 0.90 | 14 | 1.25 | 19.9 | 605 |
| 42136 | 20pr | 0.90 | 18 | 2 | 24.8 | 1065 |
| 42138 | 50pr | 0.90 | 26.5 | 2 | 34.5 | 2142 |

ELECTRICAL CHARACTERISTICS

| Nominal diameter of conductors (mm) | Maximum conductor resistance at 20°C (ohms/km) | Minimum insulation resistance (ohms/km) | Maximum mutal capacitance (nF/km) |
|-------------------------------------|--|---|-----------------------------------|
| 0.5 | 96 | 1500 | 64 |
| 0.9 | 30 | 1500 | 65 |

For 20 pairs and above the maximum mutual capacitance shall increase by 3nF/km

The information in this datasheet is for guidance only and subject to change without liability. Images provided are representations; actual cable dimensions may vary due to manufacturing tolerances.

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