

Armoured Telephone Cable Data Sheet



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.

Specifications

CONDUCTOR: Plain Copper

STRANDING: Class 1

BEDDING: PE

ARMOUR: Steel Wire Armour

OUTER SHEATH 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 CW1128/1198

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)
2pr (QUAD)	0.50	7.5	0.9	12.7	191
5pr	0.50	8.0	0.9	13.2	218
10pr	0.50	9.5	0.9	14.7	259
20pr	0.50	12	0.9	17.2	358
30pr	0.50	12.5	1.25	18.4	530
50pr	0.50	16.5	2	23.3	851

No of pairs	Nominal diameter of conductors (mm)	Nominal diameter under armour (mm)	Nominal diameter of armour (mm)	Approx overall diameter	Weight (kg/km)
2pr (QUAD)	0.90	9	0.9	14.2	308
5pr	0.90	11.5	0.9	16.7	379
10pr	0.90	14	1.25	19.9	605
20pr	0.90	18	2	24.8	1065
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 mutual capacitance (nF/km)
0.5	96	1500	64
0.9	30	1500	65