



These tough UV resistant cables are used to connect equipment in fixed installations under harsh conditions. The jelly filler acts as a water barrier.

Suitable for use outdoors or in ducts. Not recommended for direct burial or indoor use.

Also available in many sizes are armoured versions (CW1128/1198) or screened & armoured versions (CW1128/1179/1198).

Construction

- solid plain copper conductors
- polyethylene (PE) core insulation
- cores twisted into pairs or quad formation
- petroleum jelly filler (PJF) with paper wrap
- black PE outer sheath

Technical

conductor stranding:	1x 0.5mm diameter (0.196mm ² area)
	1x 0.9mm diameter (0.636mm ² area)
bend radius:	10 x overall diameter fixed
capacitance:	275pF/km maximum
resistance @ 20°C:	0.5mm cores = 91 Ω/km max. per core
	0.9mm cores = 28 Ω/km max. per core
temperature range:	0°C to +40°C operating
standards:	construction generally to British Telecom CW1128
core identification:	coloured according to CW1128

Number of Pairs	Conductor Diameter (mm)	Overall Diameter (mm)	Overall Weight (kg/km)
2 (quad formation)	0.9	7.2	72
5	0.9	10.5	160
10	0.9	13.3	261
20	0.9	16.5	452
50	0.9	23.9	1076
100	0.9	34.2	2033
2 (quad formation)	0.5	6.3	50
3	0.5	6.6	58
5	0.5	7.8	76



Number of Pairs	Conductor Diameter (mm)	Overall Diameter (mm)	Overall Weight (kg/km)
10	0.5	9.1	113
20	0.5	11.3	184
30	0.5	13.0	249
50	0.5	15.5	381
100	0.5	20.7	710

PE (polyethylene) Properties: tough & fairly flexible with good UV, abrasion, tearing & organic solvent resistance plus excellent resistance to water, inorganic salts, acids/alkalis. PE is halogen free but not flame retardant.

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