

## 1/1.9mm CW1128/1198/1179 'PJF' FILLED CAM SWA

Solid plain annealed copper conductors, CEL-PE (Cellular Polyethylene) insulated/PJF (Petroleum Jelly - Filled)/CAM screened/PE (Solid Polyethylene) bedded/Steel wire armoured/PE sheathed to BT CW1128D/1198C. Sheath colour: Black.

NUMBER OF PAIRS	NOMINAL DIAM OVER LAID UP PAIRS MM	RT OF BEDDING MM	DIAMETER OVER BEDDING MM	DIAMETER OF ARMOUR WIRE MM	DIAMETER OVER ARMOUR MM	NOMINAL OVERALL DIAMETER MM	WEIGHT KG/KM	BATT PART NUMBER
2 (quad)	6.1	1.1	8.3	0.9	10.1	12.7	308	42205
5	9.3	1.2	11.7	0.9	13.5	16.1	470	42144
10	11.4	1.2	13.8	1.25	16.3	18.9	721	42143
15	13.4	1.3	16.0	1.6	19.2	22.5	1050	42207
20	15.0	1.3	17.6	1.6	20.8	24.1	1200	42136
30	18.0	1.4	20.8	1.6	24.0	27.3	1520	42237
50	22.5	1.5	25.5	2.0	29.5	33.2	2350	42138
100	30.8	1.6	34.0	2.0	38.0	41.7	3660	

**Operating temperature:** Maximum 40°C\*, Minimum bending 0°C  
\*Max continous temp of standard jelly compound.

**Minimum bending radius:** 10 x overall diameter.

### Electrical Characteristics and Conductor dimensions.

Max conductor resistance @ 20°C OHMS/KM	28
Min insulation resistance @ 20°C megaohms/KM	1500
Average mutual capacitance nanoFarads/KM (n/a to screened versions.)	71
Diameter of conductor - mm	0.9
Size of conductor - sq.mm	0.65
Radial thickness of insulation - mm	0.3
Nominal diameter of core -mm	1.5



For conductor identification information, Refer to Technical Section