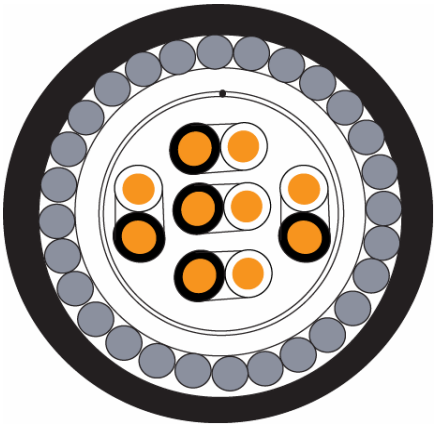
1/0.9 CW 1129/1198/1179 PJF Screen & Armoured

Cellular Pe, PJF Filled, Collective Screen, Solid PE Bedding, SWA, PE Sheath to CW1128D/1198C

APPLICATION

Telephone Distribution

CONSTRUCTION



CONDUCTOR	Plain annealed copper class 1
INSULATION & Filler	Cellular Polyethylene and PJF Filled
COLOUR CODE	CW1128D as attached
COLLECTIVE SCREEN	Polyethylene coated aluminium foil to comply with BT CW1179 bonded to the sheath.
INNER SHEATH	Solid PE
ARMOURING	Galvanised steel wire armour
OUTER SHEATH	PE to BT CW 1128 D/ 1198 C

Max operating temperature 40 Deg. C Minimum Bending 0 Deg. C
Minimum bending radius 10 x cable OD

Electrical Data at 20 Deg C

Conductor Size mm2	1/0.9
Conductor resistance Ohm/Km Max at 20 Deg C	28
Insulation Resistance Min K ohmxKm	1500
Average Mutual Capacitance Nana Farad/km	59
Capacitance Unbalance (Quard) - pF/Km	800
Capacitance Unbalance (Pair-Pair) - pF/Km	275
Cross sectional area-mm²	0,65
Radial Insulation thickness-mm	0,3
Nominal core Diameter-mm	1,5

No of Pairs	Units per lay	Diam over pairs mm	RT of Bedding	Dia over Bedding	Dia SWA	Diam over armour	Nominal Diam overall	Nominal KG/Km
2 (1 quad)	1x2	6,1	1,1	8,3	0,9	10,1	12,7	308
5	1x5	9,3	1,2	11,7	0,9	13,5	16,1	470
10	1x10	11,4	1,2	13,8	1,25	16,3	18,9	721
15	3x5	13,4	1,3	16	1,6	19,2	22,5	1050
20	5x10	15	1,3	17,6	1,6	20,8	24,1	1200
30	3x10	18	1,4	20,8	1,6	24	27,3	1520
50	1x10+4x10	22,5	1,5	25,5	2	29,5	33,2	2350
100	4x5+8x10	30,8	1,6	34	2	38	41,7	4200

CODE COLOURS

CW1128 D core colours

Pair No	A Wire	B Wire
1	White	Blue
2	White	Orange
3	White	Green
4	White	Brown
5	White	Grey
6	Red	Blue
7	Red	Orange
8	Red	Green
9	Red	Brown
10	Red	Grey

Colour of Tape Lappings

Unit	Colour
1	Blue
2	Orange
3	Green
4	Brown
5	Grey
6	White
7	Red
8	Black
9	Yellow
10	Violet