

# HOUSE WIRING TELEPHONE CABLE

## Multipair (Cu/PE/PVC) PE Insulated PVC Sheathed Cable

### APPLICATION

Suitable for telecommunication and signal circuits. They are suitable for exposed or concealed conductor installation permissible voltage 200 V.

### STANDARD

VDE 0815

### VOLTAGE GRADE

200V

### COLOR

Insulated core Individual Pair color

Sheath :  or  (Grey or Black)

### CONSTRUCTION

**Conductor:** Solid Plain annealed copper to ASTM B3

**Insulation:** Polyethylene (PE) to BS 6234

**Sheath:** PVC, TM1 to BS 7655



PHYSICAL DATA							ELECTRICAL DATA
Number of pair (core)	Nominal cross-sectional area mm <sup>2</sup>	No. of strands & diameter of wire no./mm	Nominal thickness of Insulation mm	Nominal thickness of Sheath mm	Approx. Overall diameter mm	Approx. weight of cable Kg/Km	Max. DC resistance of conductor at 20 °C ohm/Km
1 Pair (2 core)	0.125	1/0.4	0.25	0.8	4.0	18	150
2 Pair (4 core)	0.125	1/0.4	0.25	0.8	4.3	24	150
3 Pair (6 core)	0.125	1/0.4	0.25	1.0	5.4	35	150
4 Pair (8 core)	0.125	1/0.4	0.25	1.2	6.5	47	150
5 Pair (10 core)	0.125	1/0.4	0.25	1.2	7.0	53	150
6 Pair (12 core)	0.125	1/0.4	0.25	1.4	7.7	67	150
7 Pair (14 core)	0.125	1/0.4	0.25	1.4	8.1	74	150
8 Pair (16 core)	0.125	1/0.4	0.25	1.4	8.3	80	150
10 Pair (20 core)	0.125	1/0.4	0.25	1.4	9.3	97	150
15 Pair (30 core)	0.125	1/0.4	0.25	1.4	11.0	130	150
20 Pair (40 core)	0.125	1/0.4	0.25	1.6	13.0	170	150
30 Pair (60 core)	0.125	1/0.4	0.25	1.6	14.5	228	150
1 Pair (2 core)	0.282	1/0.6	0.25	0.8	4.3	22	66.6
2 Pair (4 core)	0.282	1/0.6	0.25	0.8	4.6	31	66.6
3 Pair (6 core)	0.282	1/0.6	0.25	1.0	5.7	44	66.6
4 Pair (8 core)	0.282	1/0.6	0.25	1.2	6.8	70	66.6
5 Pair (10 core)	0.282	1/0.6	0.25	1.2	7.2	75	66.6
6 Pair (12 core)	0.282	1/0.6	0.25	1.4	8.2	90	66.6
7 Pair (14 core)	0.282	1/0.6	0.25	1.4	8.5	99	66.6
8 Pair (16 core)	0.282	1/0.6	0.25	1.4	9.5	105	66.6
10 Pair (20 core)	0.282	1/0.6	0.25	1.4	10.4	132	66.6
15 Pair (30 core)	0.282	1/0.6	0.25	1.4	12.0	185	66.6
20 Pair (40 core)	0.282	1/0.6	0.25	1.6	14.2	245	66.6
25 Pair (50 core)	0.282	1/0.6	0.25	1.6	15.7	300	66.6
30 Pair (60 core)	0.282	1/0.6	0.25	1.6	16.8	352	66.6
40 Pair (80 core)	0.282	1/0.6	0.25	1.6	18.3	438	66.6
50 Pair (100 core)	0.282	1/0.6	0.25	1.6	20.0	525	66.6
100 Pair (200 core)	0.282	1/0.6	0.25	1.6	26.6	935	66.6

#### Characteristics



#### Installation condition

