

A-2Y (L) 2Y

SUBSCRIBER CABLE (UNFILLED) (Cu/PE/AF/PE)

PE Insulated, Al foil screen, PVC Sheathed Cable

APPLICATION

Suitable for telecommunication and signal circuits. They are suitable for use in underground conduits.

STANDARD

VDE 0816

VOLTAGE GRADE

200 V

COLOR

Insulated core: Individual Pair color

Sheath: ■ (Black)

CONSTRUCTION

Conductor: Solid Plain annealed copper to ASTM B3

Insulation: Polyethylene (PE) to BS 6234

Identification strip: Polyester tape

Wrapped: PT foil

Screen: Copolymer Al foil

Sheath: Polyethylene (PE) to BS 6234



PHYSICAL DATA						ELECTRICAL DATA	
Number of pair (core)	Diameter of wire	Nominal thickness of Insulation	Approx. Diameter over Al foil	Nominal thickness of Sheath	Approx. Overall diameter	Approx. weight of cable	Max. DC resistance of conductor at 20 °C
	mm	mm	mm	mm	mm	Kg/Km	ohm/Km
10 Pair	0.4	0.25	6.2	1.8	10.2	100	150
	0.5	0.25	6.8	1.8	11.0	120	95.9
	0.6	0.3	8.0	1.8	12.5	150	66.6
	0.9	0.45	11.7	1.8	16.0	270	28
20 Pair	0.4	0.25	8.4	1.8	12.3	145	150
	0.5	0.25	9.2	1.8	13.5	185	95.9
	0.6	0.3	10.9	1.8	15.0	241	66.6
	0.9	0.45	16.0	1.8	20.5	460	28
30 Pair	0.4	0.25	10.1	1.8	14.0	190	150
	0.5	0.25	11.1	1.8	15.1	247	95.9
	0.6	0.3	13.2	1.8	17.5	327	66.6
	0.9	0.45	19.5	1.8	24.0	640	28
40 Pair	0.4	0.25	11.6	1.8	15.5	240	150
	0.5	0.25	12.8	1.8	16.7	308	95.9
	0.6	0.3	15.1	1.8	19.5	410	66.6
	0.9	0.45	22.5	1.8	27.0	816	28
50 Pair	0.4	0.25	12.8	1.8	16.5	280	150
	0.5	0.25	14.2	1.8	18.1	366	95.9
	0.6	0.3	16.8	1.8	20.8	492	66.6
	0.9	0.45	25.0	1.8	29.5	992	28
70 Pair	0.4	0.25	15.0	1.8	19.0	360	150
	0.5	0.25	16.6	1.8	20.5	480	95.9
	0.6	0.3	19.8	1.8	24.0	650	66.6
100 Pair	0.4	0.25	17.8	1.8	21.0	475	150
	0.5	0.25	19.7	1.8	23.5	648	95.9
	0.6	0.3	23.5	1.8	27.0	880	66.6

Characteristics



Installation condition

