

K. LACEY WIRES AND CABLES

PVC EQUIPMENT WIRES

Sheet 1 of 2

MANUFACTURED TO DEF 61-12 Pt 6 / BS4808 Pt 2

These wires are suitable for the internal wiring of electronic and other equipment for use in instrument panel wiring, switchgear, starters, metering and control panels. They consist of Tinned Copper Conductors, insulated with PVC. Braided types are screened with tinned copper wires and an overall PVC sheath.

TYPES AVAILABLE AND GENERAL CHARACTERISTICS

See charts on next sheet for size and dimension information

TYPE 1 750V (r.m.s.)* Unscreened Hard PVC Insulated	TYPE 2 1000V (r.m.s.)* Unscreened Hard PVC Insulated	TYPE 3 1500V (r.m.s.)* Unscreened General Purpose PVC Insulated
	TYPE 2SB as type 2 Screened	TYPE 3SB as type 3 Screened
	TYPE 2SBM as type 2SB with PVC Sheath	TYPE 3SBM as type 3SB with PVC Sheath

*Max Working Voltage A.C. (r.m.s.)

Other types recognised

Type 4, 5, 8, 9, 10, 11, 12 and 13

TEMPERATURE RANGE

PVC Hard Grade -10°C to +85°C

PVC General Purpose -20°C to +85°C

COLOUR RANGE

Standard Colours Red, Blue, Green, Yellow, Black, White, Brown, Violet, Orange,
Grey, Pink

Other i.e. turquoise, dark blue)
Bi-Colour Combinations) Available to Special Order
Tri-Colour Combinations)

CURRENT RATINGS

Conductor	Current (Amps)	Conductor	Current (Amps)
01/0.40	0.80	07/0.20	1.40
01/0.60	1.80	16/0.20	3.00
01/0.80	3.00	24/0.20	4.50
01/0.90	4.00	32/0.20	6.00
01/1.13	6.00	63/0.20	11.00

CONTACT US NOW FOR A QUOTATION

Tel. +44 (0) 1903 771336 Fax. +44 (0) 1903 255411 Email. sales@klaceyables.co.uk

INFORMATION GIVEN IS BASED ON GENERAL EXPERIENCE ONLY AND IS GIVEN IN GOOD FAITH. NO WARRANTY IS GIVEN WITH RESPECT TO THE INFORMATION AND USERS MUST DETERMINE THE SUITABILITY OF THE PRODUCT PRIOR TO ANY PARTICULAR USE.



K. LACEY WIRES AND CABLES PVC EQUIPMENT WIRES

Sheet 2 of 2

TYPE	Conductor			Radiall Thickness of Ins.	Finished Cable			
	Strand mm	Area mm ²	Nom. Dia. mm		Nom. Dia. mm	Max. Dia. mm	Max. Working Voltage A.C (r.m.s)	Max. Cond. Resistance @ 20°C Ohms/km
1	01/0.40	0.13	0.40	0.2	0.700	0.75	750	145.00
1	01/0.60	0.28	0.60	0.2	1.000	1.05	750	64.00
1	07/0.20	0.22	0.60	0.2	1.000	1.05	750	88.00
2	01/0.40	0.13	0.40	0.3	1.000	1.05	1000	145.00
2	01/0.60	0.28	0.60	0.3	1.200	1.30	1000	64.00
2	01/0.90	0.64	0.90	0.3	1.500	1.60	1000	28.50
2	07/0.20	0.22	0.60	0.3	1.200	1.30	1000	88.00
2	16/0.20	0.50	0.93	0.3	1.550	1.65	1000	38.20
2	24/0.20	0.75	1.14	0.45	2.550	2.15	1000	25.50
3	01/0.60	0.28	0.60	0.45	1.500	1.60	1500	64.00
3	1/1.13	1.00	1.13	0.45	2.050	2.15	1500	18.00
3	16/0.20	0.50	0.93	0.60	2.125	2.25	1500	38.20
3	24/0.20	0.75	1.14	0.60	1.325	2.45	1500	25.50
3	32/0.20	1.00	1.32	0.60	2.525	2.65	1500	19.10
3	63/0.20	2.00	1.83	0.60	3.025	3.15	1500	9.70
2SB	07/0.20	0.22	0.60	0.30	1.700	1.85	1000	88.00
2SB	16/0.20	0.50	0.93	0.30	2.050	2.20	1000	38.20
2SB	24/0.20	0.75	1.14	0.45	2.550	2.70	1000	25.50
3SB	16/0.20	0.50	0.93	0.60	2.625	2.80	1500	38.20
3SB	24/0.20	0.75	1.14	0.60	2.825	3.00	1500	25.50
3SB	32/0.20	1.00	1.32	0.60	3.025	3.20	1500	19.10
2SBM	07/0.20	0.22	0.60	0.30	2.775	3.05	1000	88.00
2SBM	16/0.20	0.50	0.93	0.30	3.125	3.40	1000	38.20
3SBM	16/0.20	0.50	0.93	0.60	3.700	4.00	1500	38.20
3SBM	24/0.20	0.75	1.14	0.60	3.900	4.20	1500	25.50

Note. Voltages are based on average conditions of wire life. If the wires are to be operated in high temperatures or in arduous conditions the maximum voltage will have to be reduced.

We can also supply Equipment Wires in the following ranges :-
 Extra Flexible Equipment Wire i.e. Type SM/DFSG, Hook up wire i.e. Type KY/EPDX
 Heat Resisting PVC Equipment Wire i.e. Type VX, UL Style Equipment Wire
 PTFE, ETFE, FEP, Kapton Equipment Wires, High Voltage PE/PVC i.e. Type HT
 Types FM/FMA/EHE/EHEA/SMA/SMBL

IN HOUSE STRIPING AND COLOURING SERVICE FOR NON-STANDARD COLOURS
CUTTING AND STRIPPING SERVICE ALSO AVAILABLE

CONTACT US NOW FOR A QUOTATION

Tel. +44 (0) 1903 771336 Fax. +44 (0) 1903 255411 Email. sales@klaceyables.co.uk

INFORMATION GIVEN IS BASED ON GENERAL EXPERIENCE ONLY AND IS GIVEN IN GOOD FAITH. NO WARRANTY IS GIVEN WITH RESPECT TO THE INFORMATION AND USERS MUST DETERMINE THE SUITABILITY OF THE PRODUCT PRIOR TO ANY PARTICULAR USE.