



K. LACEY WIRES AND CABLES

PT 18 EQUIPMENT WIRE

DEF 61-12 PT 18

Sheet 1 of 2

MANUFACTURED TO DEFENCE STANDARD 61-12 PT 18

CONSTRUCTION

Tinned Annealed Copper Conductor. Dual layer insulation comprising Polyolefin with outer layer of Polyaromatic Thermoplastic.

SPECIFICATION

DEF 61-12 Pt 18 Type 1 LFH Insulation. Unscreened.

SCOPE

Low Toxicity Pliable wires. Moderate Dynamic cut through resistance. Suitable for soldered or crimped terminations. For internal wiring of electronic and other equipment. Operating Temperature ; from -50°C to +120°C. Voltage Rating ; 600V(r.m.s.) / 800V DC.

Size AWG	Conductor				Cable				
	Nom. area Mm	Strand mm	Dia. Max. mm	Max. Resistance Ω / km @ 20°C	Ins. Thickness mm min - max	O/Dia. Min. mm	O/Dia. Max. mm	Amps	Max. Weight. Kg / Km
30	0.050	1/0.25	0.254	383.50	0.15 - 0.20	0.55	0.70		0.92
26	0.120	1/0.40	0.404	145.60	0.15 - 0.20	0.70	0.85		2.00
23	0.280	1/0.60	0.606	64.00	0.15 - 0.20	0.90	1.05		3.96
19	0.630	1/0.90	0.909	28.50	0.15 - 0.20	1.20	1.35		7.90
30	0.055	7/0.10	0.320	336.00	0.15 - 0.20	0.60	0.75	0.30	1.10
28	0.079	7/0.12	0.380	259.00	0.15 - 0.20	0.65	0.80	0.50	1.50
26	0.150	19/0.10	0.530	141.50	0.15 - 0.20	0.80	0.95	0.80	2.90
24	0.200	19/0.12	0.620	95.60	0.15 - 0.20	0.90	1.05	1.30	3.45
22	0.400	19/0.15	0.800	60.00	0.15 - 0.20	1.05	1.20	2.20	4.90
20	0.600	19/0.20	1.040	33.20	0.15 - 0.20	1.30	1.50	3.70	7.56
18	1.00	19/0.25	1.290	21.10	0.15 - 0.20	1.55	1.75	5.80	10.40
16	1.20	19/0.30	1.530	14.50	0.15 - 0.20	1.80	2.00	7.70	16.50
14	2.00	37/0.25	1.820	10.90	0.20 - 0.25	2.15	2.35	11.40	20.70
12	2.60	37/.030	2.180	7.60	0.20 - 0.25	2.50	2.70	15.60	27.10

Colour Range

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

Also available type 99M wire and Mil Spec versions

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.

AS9120 Rev A and ISO9001:2008 APPROVED BSI. RS000146 BAE APPROVED



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MANUFACTURED TO DEFENCE STANDARD 61-12 PT 18

CROSS REFERENCE TABLE

SIZE - COLOUR - NATO STOCK NO - 99M P/NO

Colour	7/0.10 30awg	7/0.12 28awg	19/0.10 26awg	19/0.12 24awg	19/0.15 22awg	19/0.20 20 awg	19/0.25 18awg	19/0.30 16awg	37/0.25 14awg	37/0.30 12awg
	Nato No 6145-99- 99M0111	Nato No 6145-99- 99M0111	Nato No 6145-99- 99M0111	Nato No 6145-99- 99M0111	Nato No 6145-99- 99M0111	Nato No 6145-99- 99M0111	Nato No 6145-99- 99M0111	Nato No 6145-99- 99M0111	Nato No 6145-99- 99M0111	Nato No 6145-99- 99M0111
Red	891-9479	891-9491	891-9503	891-9515	891-9527	891-9539	891-9551	891-9563	891-9575	891-9587
	-30-2	-28-2	-26-2	-24-2	-22-2	-20-2	-18-2	-16-2	-14-2	-12-2
Blue	891-9480	891-9492	891-9504	891-9516	891-9528	891-9540	891-9552	891-9564	891-9576	891-9588
	-30-6	-28-6	-26-6	-24-6	-22-6	-20-6	-18-6	-16-6	-14-6	-12-6
Green	891-9481	891-9493	891-9505	891-9517	891-9529	891-9541	891-9553	891-9565	891-9577	891-9589
	-30-5	-28-5	-26-5	-24-5	-22-5	-20-5	-18-5	-16-5	-14-5	-12-5
Yellow	891-9482	891-9494	891-9506	891-9518	891-9530	891-9542	891-9554	891-9566	891-9578	891-9590
	-30-4	-28-4	-26-4	-24-4	-22-4	-20-4	-18-4	-16-4	-14-4	-12-4
Black	891-9483	891-9495	891-9507	891-9519	891-9531	891-9543	891-9555	891-9567	891-9579	891-9591
	-30-0	-28-0	-26-0	-24-0	-22-0	-20-0	-18-0	-16-0	-14-0	-12-0
White	891-9484	891-9496	891-9508	891-9520	891-9532	891-9544	891-9556	891-9568	891-9580	891-9592
	-30-9	-28-9	-26-9	-24-9	-22-9	-20-9	-18-9	-16-9	-14-9	-12-9
Brown	891-9485	891-9497	891-9509	891-9521	891-9533	891-9545	891-9557	891-9569	891-9581	891-9593
	-30-1	-28-1	-26-1	-24-1	-22-1	-20-1	-18-1	-16-1	-14-1	-12-1
Violet	891-9486	891-9498	891-9510	891-9522	891-9534	891-9546	891-9558	891-9570	891-9582	891-9594
	-30-7	-28-7	-26-7	-24-7	-22-7	-20-7	-18-7	-16-7	-14-7	-12-7
Orange	891-9487	891-9499	891-9511	891-9523	891-9535	891-9547	891-9559	891-9571	891-9583	891-9595
	-30-3	-28-3	-26-3	-24-3	-22-3	-20-3	-18-3	-16-3	-14-3	-12-3
Grey	891-9488	891-9500	891-9512	891-9524	891-9536	891-9548	891-9560	891-9572	891-9584	891-9596
	-30-8	-28-8	-26-8	-24-8	-22-8	-20-8	-18-8	-16-8	-14-8	-12-8
Pink	891-9489	891-9501	891-9513	891-9525	891-9537	891-9549	891-9561	891-9573	891-9585	891-9597
	-30-2L	-28-2L	-26-2L	-24-2L	-22-2L	-20-2L	-18-2L	-16-2L	-14-2L	-12-2L
Y/Gn	891-9490	891-9502	891-9514	891-9526	891-9538	891-9550	891-9562	891-9574	891-9586	891-9598
	-30-4/5	-28-4/5	-26-4/5	-24-4/5	-22-4/5	-20-4/5	-18-4/5	-16-4/5	-14-4/5	-12-4/5

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