

K. LACEY WIRES AND CABLES

PTFE EQUIPMENT WIRES

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MANUFACTURED TO BRITISH STANDARD BSG 210 AND BS3G210

Where applicable also approved to :

- DEF 61-12 Pt 8 (EL1930)
- PAN 6429
- MVEE 516
- Various UL Approvals
- MIL-W-16878 to NEMA HP3, HP4 – MIL-W-22759 to SAE AS22759

PTFE EQUIPMENT WIRE IS SUITABLE FOR WIRING ELECTRICAL AND ELECTRONIC EQUIPMENT AND FOR USE IN HIGH PERFORMANCE AEROSPACE APPLICATIONS AND APPLICATIONS REQUIRING HIGH LEVELS OF THERMAL AND CHEMICAL RESISTANCE. EXTREMELY RESISTANT TO ACID, ALKALIS, SOLVENTS, HYDRAULIC FLUID, FUELS, OILS AND LUBRICANTS, AIRCRAFT AND ROCKET FUELS. RESISTANT TO SOLDER IRON DAMAGE. HIGHLY FLEXIBLE, NON FLAMMABLE

TYPES AVAILABLE AND GENERAL CHARACTERISTICS

See charts on next sheet for size and dimension information

BSG:-

TYPE A	300V (r.m.s.) Unscreened	TYPE B	600V (r.m.s.) Unscreened	TYPE C	1000V (r.m.s.) Unscreened
TYPE AS	300V (r.m.s.) Screened	TYPE BS	600V (r.m.s.) Screened	TYPE CS	1000V (r.m.s.) Screened
TYPE ASM	300V (r.m.s.) Screened & Sheathed	TYPE BSM	600V (r.m.s.) Screened & Sheathed	TYPE CSM	1000V (r.m.s.) Screened & Sheathed
ALSO AVAILABLE : TYPE D					
VOLTAGE : 2000V rms , 4500V DC - TEMPERATURE : -50°C to +190°C (-75°C NON FLEXING)					

MIL:-

Type ET	250V (r.m.s.) Unscreened
Type E	600V (r.m.s.) Unscreened
Type EE	1000V (r.m.s.) Unscreened

TEMPERATURE RANGE

Silver Plated Conductor (Standard)	.....	-75°C to +190°C)	-50°C for Continuous Flexing
Nickel Plated Conductor (On Request)	.....	-75°C to +260°C)	

COLOUR RANGE

Standard Colours	.....	Red, Blue, Green, Yellow, Black, White, Brown, Violet, Orange, Grey, Pink	
Other	.....	Natural)	Available to Special Order
		Bi-Colour Combinations)	
		Tri-Colour Combinations)	

SPECIALS

Etched - Etched finish can be supplied if required which improves adhesion with 'potting materials'

Screened and/or screened and sheathed versions)	
Multi-core cables	)	Available to Special Order
Custom Design)	

CONTACT US NOW FOR A QUOTATION

Tel. +44 (0) 1903 771336 Fax. +44 (0) 1903 255411 Email. sales@klaceycables.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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Conductor					BS3G210 Type and Maximum Overall Diameter (mm)							
Size AWG	Strand mm	Area mm ²	Max. Res. @ 20°C Ω/km	Current Rating Amps	Type A	Type AS	Type B	Type BS	Type BSM	Type C	Type CS	Type CSM
30	01/0.250	0.049	377.00	2.00	0.60	*	*	*	*	*	*	*
28	01/0.320	0.080	229.00	3.00	0.67	*	*	*	*	*	*	*
26	01/0.400	0.126	146.00	4.00	0.75	0.75	1.00	*	*	*	*	*
22	01/0.600	0.283	64.30	7.00	*	*	1.20	*	*	*	*	*
19	01/0.900	0.636	28.50	12.00	*	*	*	*	*	1.82	2.27	*
32	07/0.080	0.035	558.00	1.50	0.59	1.04	0.84	1.29	1.89	1.16	1.61	2.21
30	07/0.100	0.055	353.00	2.00	0.65	1.10	0.90	1.35	1.95	1.22	1.67	2.27
28	07/0.120	0.079	244.00	3.00	0.71	1.16	0.96	1.41	2.01	1.28	1.73	2.33
26	07/0.150	0.124	159.00	4.00	0.80	1.25	1.05	1.50	2.10	1.37	1.82	2.42
24	07/0.200	0.220	88.30	6.00	0.95	1.40	1.20	1.65	2.25	1.52	1.97	2.57
26	19/0.100	0.149	130.00	5.00	0.85	1.30	1.10	1.55	2.15	1.42	1.87	2.47
24	19/0.120	0.215	89.80	6.00	0.95	1.40	1.20	1.65	2.25	1.52	1.97	2.57
22	19/0.150	0.336	58.60	8.00	1.10	1.55	1.35	1.80	2.40	1.67	2.12	2.72
20	19/0.200	0.597	32.50	11.00	1.35	1.80	1.60	2.05	2.65	1.92	2.37	2.97
18	19/0.250	0.933	20.60	15.00	*	*	1.85	2.35	2.90	2.17	2.62	3.22
16	19/0.300	1.343	14.30	20.00	*	*	*	*	*	2.46	2.91	3.51
14	19/0.335	1.675	11.40	23.00	*	*	*	*	*	2.74	3.19	3.79
12	19/0.450	3.022	6.28	35.00	*	*	*	*	*	3.31	3.76	4.36
10	37/0.400	4.650	4.01	47.00	*	*	*	*	*	3.86	4.31	4.91
					MIL-W-16878 Type and Maximum Overall Diameter (mm)							
					Type ET		Type E			Type EE		
32	07/0.079				0.60		0.86			1.11		
30	07/0.102				0.66		0.91			1.17		
28	07/0.127				0.73		0.99			1.24		
26	07/0.160				0.83		1.09			1.35		
26	19/0.102				0.83		1.09			1.35		
24	07/0.203				0.96		1.22			1.47		
24	19/0.127				0.96		1.22			1.47		
22	07/0.254				1.11		1.37			1.63		
22	19/0.160				1.11		1.37			1.63		
20	07/0.320				1.32		1.57			1.83		
20	19/0.203				1.32		1.57			1.83		
18	19/0.254				*		1.88			2.13		
16	19/0.287				*		2.21			2.41		
14	19/0.361				*		2.59			2.89		
12	19/0.454				*		3.07			3.38		
10	37/0.404				*		*			3.89		

* denotes size not available to specification in this type, may be available 'generally in accordance to spec'.

** sizes 28-10AWG are also available to M22759/11 (600V) and M22759/10 (1000V)

In house Cutting and stripping service available for PTFE Equipment Wires – Ask for Details

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