



K. LACEY WIRES AND CABLES

ACT150

MANUFACTURED TO BRANDREX SPECIFICATION ECM66 AND APPROVED BY THE CIVIL AVIATION AUTHORITY

MULTICORE AIRFRAME WIRING AND INTERCONNECT CABLES
Flexible, Lightweight High Performance Cables with Arc Tracking Resistance

CONSTRUCTION

A number of ACT150 single core cables twisted together without further finish.
Silver plated copper conductors (size 24 is a silver plated copper alloy)
Polyimide/FEP Taped Insulation
PTFE Tape and Lacquered Finish

PRODUCT CHARACTERISTICS

Voltage rating: 600 volts rms at 2000Hz
Operating temperature range: -65°C to + 150°C

PERFORMANCE

These cables meet the requirements of BSG230 Test 42 – Resistance to arc tracking.

INTERCONNECT CABLES

Size AWG	Conductor			Nominal core dia mm	Finished Cable			
	Strand mm	Nom. Dia. mm	Max. Resistance @ 20°C Ohm/km		Min. O/Dia mm	Max. O/Dia mm	Max. Weight Kg/Km	P/No.
2 CORE TYPE 01 – INTERCONNECT CABLES								
24	19/0.12	0.56	110.00	0.85	1.58	1.94	5.49	ACT150-01-2-24
22	19/0.15	0.72	61.00	1.01	1.88	2.24	8.27	ACT150-01-2-22
20	19/0.20	0.97	33.80	1.26	2.38	2.74	13.78	ACT150-01-2-20
18	19/0.25	1.22	21.50	1.51	2.88	3.24	20.71	ACT150-01-2-18
16	19/0.30	1.47	14.80	1.76	3.38	3.76	29.07	ACT150-01-2-16
3 CORE TYPE 01 – INTERCONNECT CABLES								
24	19/0.12	0.56	110.00	0.85	1.71	2.10	8.24	ACT150-01-3-24
22	19/0.15	0.72	61.00	1.01	2.03	2.42	12.41	ACT150-01-3-22
20	19/0.20	0.97	33.80	1.26	2.57	2.96	20.68	ACT150-01-3-20
18	19/0.25	1.22	21.50	1.51	3.11	3.50	31.07	ACT150-01-3-18
16	19/0.30	1.47	14.80	1.76	3.65	4.06	43.60	ACT150-01-3-16
4 CORE TYPE 01 – INTERCONNECT CABLES								
24	19/0.12	0.56	110.00	0.85	1.91	2.35	10.99	ACT150-01-4-24
22	19/0.15	0.72	61.00	1.01	2.27	2.71	16.55	ACT150-01-4-22
20	19/0.20	0.97	33.80	1.26	2.88	3.32	27.57	ACT150-01-4-20
18	19/0.25	1.22	21.50	1.51	3.48	3.92	41.43	ACT150-01-4-18
16	19/0.30	1.47	14.80	1.76	4.09	4.55	58.13	ACT150-01-4-16

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.



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ACT150

AIRFRAME CABLES

Size AWG	Conductor			Nominal core dia mm	Finished Cable			
	Strand mm	Nom. Dia. mm	Max. Resistance @ 20° C Ohm/km		Min. O/Dia mm	Max. O/Dia mm	Max. Weight Kg/Km	P/No.
2 CORE TYPE 02 – AIRFRAME CABLES								
24	19/0.12	0.56	110.00	0.97	1.80	2.20	6.11	ACT150-02-2-24
22	19/0.15	0.72	61.00	1.13	2.10	2.50	8.99	ACT150-02-2-22
20	19/0.20	0.97	33.80	1.38	2.60	3.00	14.65	ACT150-02-2-20
18	19/0.25	1.22	21.50	1.63	3.10	3.50	21.73	ACT150-02-2-18
16	19/0.30	1.47	14.80	1.88	3.60	4.00	30.23	ACT150-02-2-16
14	37/0.25	1.71	10.80	2.12	4.10	4.50	40.27	ACT150-02-2-14
12	37/0.32	2.15	6.55	2.56	5.02	5.42	61.93	ACT150-02-2-12
3 CORE TYPE 02 – AIRFRAME CABLES								
24	19/0.12	0.56	110.00	0.97	1.94	2.38	9.16	ACT150-02-3-24
22	19/0.15	0.72	61.00	1.13	2.27	2.70	13.48	ACT150-02-3-22
20	19/0.20	0.97	33.80	1.38	2.81	3.24	21.97	ACT150-02-3-20
18	19/0.25	1.22	21.50	1.63	3.35	3.78	32.60	ACT150-02-3-18
16	19/0.30	1.47	14.80	1.88	3.89	4.32	45.35	ACT150-02-3-16
14	37/0.25	1.71	10.80	2.12	4.43	4.86	60.40	ACT150-02-3-14
12	37/0.32	2.15	6.55	2.56	5.42	5.85	92.89	ACT150-02-3-12
4 CORE TYPE 02 – AIRFRAME CABLES								
24	19/0.12	0.56	110.00	0.97	2.18	2.66	12.22	ACT150-02-4-24
22	19/0.15	0.72	61.00	1.13	2.54	3.03	17.97	ACT150-02-4-22
20	19/0.20	0.97	33.80	1.38	3.15	3.63	29.30	ACT150-02-4-20
18	19/0.25	1.22	21.50	1.63	3.75	4.24	43.46	ACT150-02-4-18
16	19/0.30	1.47	14.80	1.88	4.36	4.84	60.47	ACT150-02-4-16
14	37/0.25	1.71	10.80	2.12	4.96	5.45	80.54	ACT150-02-4-14
12	37/0.32	2.15	6.55	2.56	6.07	6.56	123.86	ACT150-02-4-12

CORE COLOURS

Size 24	Pastel Blue with spiral stripe
Size 22	Pastel Green with spiral stripe
Size 20	Pastel Red with spiral stripe
Size 18	Pastel White with spiral stripe
Size 16	Pastel Blue with spiral stripe
Size 14	Pastel Green with spiral stripe
Size 12	Pastel Yellow with spiral stripe

STRIPING

2 CORE CABLES = RED/BLUE
3 CORE CABLES = RED/BLUE/YELLOW
4 CORE CABLES = RED/BLUE/YELLOW/GREEN

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