



K. LACEY WIRES AND CABLES

ACT260

Page 1 of 2

MANUFACTURED TO BRANDREX SPECIFICATION ECM65 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 ACT260 single core cables twisted together without further finish.
Nickel plated copper conductors (size 24 is a Nickel 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 + 260°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	117.00	0.85	1.58	1.94	5.49	ACT260-01-2-24
22	19/0.15	0.72	63.70	1.01	1.88	2.24	8.27	ACT260-01-2-22
20	19/0.20	0.97	34.90	1.26	2.38	2.74	13.78	ACT260-01-2-20
18	19/0.25	1.22	22.10	1.51	2.88	3.24	20.71	ACT260-01-2-18
16	19/0.30	1.47	15.2	1.76	3.38	3.76	29.07	ACT260-01-2-16
3 CORE TYPE 01 – INTERCONNECT CABLES								
24	19/0.12	0.56	117.00	0.85	1.71	2.10	8.24	ACT260-01-3-24
22	19/0.15	0.72	63.70	1.01	2.03	2.42	12.41	ACT260-01-3-22
20	19/0.20	0.97	34.90	1.26	2.57	2.96	20.68	ACT260-01-3-20
18	19/0.25	1.22	22.10	1.51	3.11	3.50	31.07	ACT260-01-3-18
16	19/0.30	1.47	15.2	1.76	3.65	4.06	43.60	ACT260-01-3-16
4 CORE TYPE 01 – INTERCONNECT CABLES								
24	19/0.12	0.56	117.00	0.85	1.91	2.35	10.99	ACT260-01-4-24
22	19/0.15	0.72	63.70	1.01	2.27	2.71	16.55	ACT260-01-4-22
20	19/0.20	0.97	34.90	1.26	2.88	3.32	27.57	ACT260-01-4-20
18	19/0.25	1.22	22.10	1.51	3.48	3.92	41.43	ACT260-01-4-18
16	19/0.30	1.47	15.2	1.76	4.09	4.55	58.13	ACT260-01-4-16

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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Page 2 of 2

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	117.00	0.97	1.80	2.20	6.11	ACT260-02-2-24
22	19/0.15	0.72	63.70	1.13	2.10	2.50	8.99	ACT260-02-2-22
20	19/0.20	0.97	34.90	1.38	2.60	3.00	14.65	ACT260-02-2-20
18	19/0.25	1.22	22.10	1.63	3.10	3.50	21.73	ACT260-02-2-18
16	19/0.30	1.47	15.2	1.88	3.60	4.00	30.23	ACT260-02-2-16
14	37/0.25	1.71	11.1	2.12	4.10	4.50	40.27	ACT260-02-2-14
12	37/0.32	2.15	6.70	2.56	5.02	5.42	61.93	ACT260-02-2-12
3 CORE TYPE 02 – AIRFRAME CABLES								
24	19/0.12	0.56	117.00	0.97	1.94	2.38	9.16	ACT260-02-3-24
22	19/0.15	0.72	63.70	1.13	2.27	2.70	13.48	ACT260-02-3-22
20	19/0.20	0.97	34.90	1.38	2.81	3.24	21.97	ACT260-02-3-20
18	19/0.25	1.22	22.10	1.63	3.35	3.78	32.60	ACT260-02-3-18
16	19/0.30	1.47	15.2	1.88	3.89	4.32	45.35	ACT260-02-3-16
14	37/0.25	1.71	11.1	2.12	4.43	4.86	60.40	ACT260-02-3-14
12	37/0.32	2.15	6.70	2.56	5.42	5.85	92.89	ACT260-02-3-12
4 CORE TYPE 02 – AIRFRAME CABLES								
24	19/0.12	0.56	117.00	0.97	2.18	2.66	12.22	ACT260-02-4-24
22	19/0.15	0.72	63.70	1.13	2.54	3.03	17.97	ACT260-02-4-22
20	19/0.20	0.97	34.90	1.38	3.15	3.63	29.30	ACT260-02-4-20
18	19/0.25	1.22	22.10	1.63	3.75	4.24	43.46	ACT260-02-4-18
16	19/0.30	1.47	15.2	1.88	4.36	4.84	60.47	ACT260-02-4-16
14	37/0.25	1.71	11.1	2.12	4.96	5.45	80.54	ACT260-02-4-14
12	37/0.32	2.15	6.70	2.56	6.07	6.56	123.86	ACT260-02-4-12

CORE COLOURS

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

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