



K. LACEY WIRES AND CABLES

ACT260

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MANUFACTURED TO BRANDREX SPECIFICATION ECM65 AND APPROVED BY THE CIVIL AVIATION AUTHORITY

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

CONSTRUCTION

One or more ACT260 single core cables assembled within a collective screen and outer jacket.
Nickel plated copper conductors (size 24 is a Nickel plated copper alloy)
Polyimide/FEP and PTFE Taped Insulation
Nickel plated copper wire screen (Nominal diameter of braid wire = 0.1mm)
Polyimide/FTP Tape
PTFE Taped 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 dia over screen 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.
SINGLE CORE TYPE 05 – INTERCONNECT CABLES								
24	19/0.12	0.56	113.00	1.28	1.48	1.76	7.23	ACT260-05-1-24
22	19/0.15	0.72	61.30	1.44	1.63	1.91	9.21	ACT260-05-1-22
20	19/0.20	0.97	33.60	1.69	1.88	2.16	12.88	ACT260-05-1-20
18	19/0.25	1.22	21.20	1.94	2.13	2.41	17.25	ACT260-05-1-18
16	19/0.30	1.47	14.60	2.19	2.38	2.67	22.32	ACT260-05-1-16
2 CORE TYPE 05 – INTERCONNECT CABLES								
24	19/0.12	0.56	117.00	2.11	2.27	2.73	12.19	ACT260-05-2-24
22	19/0.15	0.72	63.70	2.43	2.57	3.03	16.02	ACT260-05-2-22
20	19/0.20	0.97	34.90	2.93	3.07	3.53	23.18	ACT260-05-2-20
18	19/0.25	1.22	22.10	3.43	3.57	4.03	31.79	ACT260-05-2-18
16	19/0.30	1.47	15.20	3.93	4.07	4.55	41.84	ACT260-05-2-16
3 CORE TYPE 05 – INTERCONNECT CABLES								
24	19/0.12	0.56	117.00	2.24	2.40	2.89	16.04	ACT260-05-3-24
22	19/0.15	0.72	63.70	2.59	2.72	3.21	21.47	ACT260-05-3-22
20	19/0.20	0.97	34.90	3.13	3.26	3.75	31.74	ACT260-05-3-20
18	19/0.25	1.22	22.10	3.67	3.80	4.29	44.18	ACT260-05-3-18
16	19/0.30	1.47	15.20	4.21	4.34	4.85	58.81	ACT260-05-3-16

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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INTERCONNECT CABLES CONT..

Size AWG	Conductor			Nominal dia over screen 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.
4 CORE TYPE 05 – INTERCONNECT CABLES								
24	19/0.12	0.56	117.00	2.46	2.60	3.14	19.04	ACT260-05-4-24
22	19/0.15	0.72	63.70	2.85	2.96	3.50	25.93	ACT260-05-4-22
20	19/0.20	0.97	34.90	3.45	3.57	4.11	39.07	ACT260-05-4-20
18	19/0.25	1.22	22.10	4.06	4.17	4.71	55.11	ACT260-05-4-18
16	19/0.30	1.47	15.20	4.66	4.78	5.34	74.04	ACT260-05-4-16

AIRFRAME CABLES

Size AWG	Conductor			Nominal dia over screen 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.
SINGLE CORE TYPE 06 – AIRFRAME CABLES								
24	19/0.12	0.56	113.00	1.40	1.59	1.89	7.99	ACT260-06-1-24
22	19/0.15	0.72	61.30	1.56	1.74	2.04	10.02	ACT260-06-1-22
20	19/0.20	0.97	33.60	1.81	1.99	2.29	13.76	ACT260-06-1-20
18	19/0.25	1.22	21.20	2.06	2.24	2.54	18.21	ACT260-06-1-18
16	19/0.30	1.47	14.60	2.31	2.49	2.79	23.36	ACT260-06-1-16
14	37/0.25	1.71	10.70	2.55	2.74	3.04	29.31	ACT260-06-1-14
12	37/0.32	2.15	6.40	2.99	3.20	3.50	41.74	ACT260-06-1-12
2 CORE TYPE 06 – AIRFRAME CABLES								
24	19/0.12	0.56	117.00	2.35	2.49	2.99	13.57	ACT260-06-2-24
22	19/0.15	0.72	63.70	2.67	2.79	3.29	17.50	ACT260-06-2-22
20	19/0.20	0.97	34.90	3.17	3.29	3.79	24.81	ACT260-06-2-20
18	19/0.25	1.22	22.10	3.67	3.79	4.29	33.58	ACT260-06-2-18
16	19/0.30	1.47	15.20	4.17	4.29	4.79	43.79	ACT260-06-2-16
14	37/0.25	1.71	11.10	4.65	4.79	5.29	55.62	ACT260-06-2-14
12	37/0.32	2.15	6.70	5.53	5.71	6.21	80.52	ACT260-06-2-12
3 CORE TYPE 06 – AIRFRAME CABLES								
24	19/0.12	0.56	117.00	2.50	2.63	3.17	17.88	ACT260-06-3-24
22	19/0.15	0.72	63.70	2.85	2.96	3.49	23.45	ACT260-06-3-22
20	19/0.20	0.97	34.90	3.39	3.50	4.03	33.96	ACT260-06-3-20
18	19/0.25	1.22	22.10	3.93	4.04	4.57	46.64	ACT260-06-3-18
16	19/0.30	1.47	15.20	4.47	4.58	5.11	61.49	ACT260-06-3-16
14	37/0.25	1.71	11.10	4.99	5.12	5.65	78.75	ACT260-06-3-14
12	37/0.32	2.15	6.70	5.94	6.11	6.64	115.23	ACT260-06-3-12
4 CORE TYPE 06 – AIRFRAME CABLES								
24	19/0.12	0.56	117.00	2.75	2.87	3.45	21.22	ACT260-06-4-24
22	19/0.15	0.72	63.70	3.14	3.23	3.82	28.31	ACT260-06-4-22
20	19/0.20	0.97	34.90	3.74	3.84	4.42	41.76	ACT260-06-4-20
18	19/0.25	1.22	22.10	4.35	4.44	5.03	58.11	ACT260-06-4-18
16	19/0.30	1.47	15.20	4.95	5.05	5.63	77.36	ACT260-06-4-16
14	37/0.25	1.71	11.10	5.53	5.60	6.24	99.79	ACT260-06-4-14
12	37/0.32	2.15	6.70	6.60	6.76	7.35	147.43	ACT260-06-4-12

CORE COLOURS

- 1 CORE CABLE = WHITE
- 2 CORE CABLES = RED/BLUE
- 3 CORE CABLES = RED/BLUE/YELLOW
- 4 CORE CABLES = RED/BLUE/YELLOW/GREEN

Jacket = White

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