



## ACT260 MULTICORE AIRFRAME WIRING AND INTERCONNECT CABLES

Conductor				Nominal Core Diameter mm	Finished Cable		
Size AWG	Number Diameter Of Wires mm	Nominal Diameter mm	Maximum Resistance 20°C Ω/Km		Overall Diameter		Max. Weight kg/km
					Min mm	Max mm	
2 core, Type 01 - interconnect cables							
24	19/0.12	0.56	117.0	0.85	1.58	1.94	5.49
22	19/0.15	0.72	63.7	1.01	1.88	2.24	8.27
20	19/0.20	0.97	34.9	1.26	2.38	2.74	13.78
18	19/0.25	1.22	22.1	1.51	2.88	3.24	20.71
16	19/0.30	1.47	15.2	1.76	3.38	3.76	29.07
3 core, Type 01 - interconnect cables							
24	19/0.12	0.56	117.0	0.85	1.71	2.10	8.24
22	19/0.15	0.72	63.7	1.01	2.03	2.42	12.41
20	19/0.20	0.97	34.9	1.26	2.57	2.96	20.68
18	19/0.25	1.22	22.1	1.51	3.11	3.50	31.07
16	19/0.30	1.47	15.2	1.76	3.65	4.06	43.60
4 core, Type 01 - interconnect cables							
24	19/0.12	0.56	117.0	0.85	1.91	2.35	10.99
22	19/0.15	0.72	63.7	1.01	2.27	2.71	16.55
20	19/0.20	0.97	34.9	1.26	2.88	3.32	27.57
18	19/0.25	1.22	22.1	1.51	3.48	3.92	41.43
16	19/0.30	1.47	15.2	1.76	4.09	4.55	58.13

\* Size 24 is nickel plated copper alloy

### PRODUCT DESCRIPTION:

These cables with arc tracking resistance comprise a number of ACT260 single core cables twisted together without further finish. They are produced to Brand-Rex specification ECM65 and approved by the Civil Aviation Authority.

### 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

### Colours

2 core	Red, blue
3 core	Red, blue, yellow
4 core	Red, blue, yellow, green

## ACT260 MULTICORE AIRFRAME WIRING AND INTERCONNECT CABLES

Conductor				Nominal Core Diameter mm	Finished Cable		
Size AWG	Number/ Diameter Of Wires mm	Nominal Diameter mm	Maximum Resistance 20°C Ω/Km		Overall Diameter		Max. Weight kg/km
					Min mm	Max mm	
<b>2 core, Type 02 - airframe cables</b>							
24	19/0.12	0.56	117.0	0.97	1.80	2.20	6.11
22	19/0.15	0.72	63.7	1.13	2.10	2.50	8.99
20	19/0.20	0.97	34.9	1.38	2.60	3.00	14.65
18	19/0.25	1.22	22.1	1.63	3.10	3.50	21.73
16	19/0.30	1.47	15.2	1.88	3.60	4.00	30.23
14	37/0.25	1.71	11.1	2.12	4.10	4.50	40.27
12	37/0.32	2.15	6.7	2.56	5.02	5.42	61.93
<b>3 core, Type 02 - airframe cables</b>							
24	19/0.12	0.56	117.0	0.97	1.94	2.38	9.16
22	19/0.15	0.72	63.7	1.13	2.27	2.70	13.48
20	19/0.20	0.97	34.9	1.38	2.81	3.24	21.97
18	19/0.25	1.22	22.1	1.63	3.35	3.78	32.60
16	19/0.30	1.47	15.2	1.88	3.89	4.32	45.35
14	37/0.25	1.71	11.1	2.12	4.43	4.86	60.40
12	37/0.32	2.15	6.7	2.56	5.45	5.85	92.89
<b>4 core, Type 02 - airframe cables</b>							
24	19/0.12	0.56	117.0	0.97	2.18	2.66	12.22
22	19/0.15	0.72	63.7	1.13	2.54	3.03	17.97
20	19/0.20	0.97	34.9	1.38	3.15	3.63	29.30
18	19/0.25	1.22	22.1	1.63	3.75	4.24	43.46
16	19/0.30	1.47	15.2	1.88	4.36	4.84	60.47
14	37/0.25	1.71	11.1	2.12	4.96	5.45	80.54
12	37/0.32	2.15	6.7	2.56	6.07	6.56	123.86

\* Size 24 is nickel plated copper alloy

### PRODUCT DESCRIPTION:

These cables with arc tracking resistance comprise a number of ACT260 single core cables twisted together without further finish. They are produced to Brand-Rex specification ECM65 and approved by the Civil Aviation Authority.

### 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

### Colours

2 core	Red, blue
3 core	Red, blue, yellow
4 core	Red, blue, yellow, green