



## ACT260 SINGLE CORE AIRFRAME WIRING AND INTERCONNECT CABLES

Conductor				Finished Cable			
Size AWG	Number Diameter Of Wires mm	Nominal Diameter mm	Maximum Resistance 20°C Ω/Km	Overall Diameter		Current Rating amp	Max. Weight kg/km
				Min mm	Max mm		
Type 01 - interconnect cables							
24	19/0.12	0.56	113.0	0.79	0.97	6.5	2.67
22	19/0.15	0.72	61.3	0.94	1.12	9.0	4.02
20	19/0.20	0.97	33.6	1.19	1.37	13.0	6.69
18	19/0.25	1.22	21.2	1.44	1.62	17.0	10.06
16	19/0.30	1.47	14.6	1.69	1.88	21.0	14.11
Type 02 - airframe cables							
24	19/0.12	0.56	113.0	0.90	1.10	6.5	2.96
22	19/0.15	0.72	61.3	1.05	1.25	9.0	4.36
20	19/0.20	0.97	33.6	1.30	1.50	13.0	7.11
18	19/0.25	1.22	21.2	1.55	1.75	17.0	10.55
16	19/0.30	1.47	14.6	1.80	2.00	21.0	14.68
14	37/0.25	1.71	10.7	2.05	2.25	27.0	19.55
12	37/0.32	2.15	6.4	2.51	2.71	35.0	30.06

\* Size 24 is nickel plated copper alloy

### PRODUCT DESCRIPTION:

Flexible, lightweight high performance cables with arc tracking resistance 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

Cores:  
All sizes white

### Current ratings

Values given in the table are for guidance only.