



### KP260 SCREENED AND JACKETED AIRFRAME WIRING CABLES

Conductor				Nominal Diameter Over Screen mm	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
<b>Single core cable</b>								
24	19/0.12	0.56	114.7	1.53	1.76	2.15	5.2	9.29
22	19/0.15	0.74	58.8	1.71	1.93	2.31	7.2	11.16
20	19/0.20	0.96	32.8	1.93	2.15	2.56	10.4	14.92
18	19/0.25	1.21	20.8	2.18	2.39	2.72	13.6	19.53
16	19/0.30	1.44	14.4	2.45	2.63	3.06	16.8	24.75
14	37/0.25	1.71	10.6	2.72	2.92	3.31	21.6	30.20
12	37/0.32	2.15	6.6	3.16	3.36	3.71	28.0	42.60
<b>2 core cable</b>								
24	19/0.12	0.56	119.3	2.61	2.76	3.22	4.8	17.1
22	19/0.15	0.74	61.2	2.97	3.10	3.54	6.6	21.3
20	19/0.20	0.96	34.2	3.41	3.54	4.04	9.2	29.3
18	19/0.25	1.21	21.7	3.91	4.02	4.64	12.0	41.0
16	19/0.30	1.44	15.0	4.44	4.51	5.27	14.8	56.0
14	19/0.25	1.71	11.1	4.98	5.09	5.77	19.2	68.0
12	37/0.32	2.15	6.9	5.86	5.97	6.81	24.8	99.0
<b>3 core cable</b>								
24	19/0.12	0.56	119.3	2.79	2.92	3.39	4.4	21.2
22	19/0.15	0.74	61.2	3.18	3.29	3.74	6.0	26.9
20	19/0.20	0.96	34.2	3.65	3.77	4.38	8.0	39.8
18	19/0.25	1.21	21.7	4.19	4.28	5.07	10.4	57.0
16	19/0.30	1.44	15.0	4.76	4.81	5.59	12.8	74.0
14	37/0.25	1.71	11.1	5.34	5.44	6.25	16.8	94.0
12	37/0.32	2.15	6.9	6.29	6.39	7.48	21.6	143.0
<b>4 core cable</b>								
24	19/0.12	0.56	119.3	3.07	3.18	3.67	4.0	25.6
22	19/0.15	0.74	61.2	3.50	3.60	4.16	5.4	35.4
20	19/0.20	0.96	34.2	4.04	4.13	4.76	6.8	50.0
18	19/0.25	1.21	21.7	4.64	4.71	5.50	8.8	71.0
16	19/0.30	1.44	15.0	5.28	5.30	6.22	10.8	96.0
14	19/0.25	1.71	11.1	5.93	6.00	7.08	14.4	129.0
12	37/0.32	2.15	6.9	7.00	7.07	8.18	18.4	179.0

#### PRODUCT DESCRIPTION:

These cables comprise one or more KP260 single core cables assembled within a collective screen and outer jacket. They are produced to Brand-Rex specification ECM44 and approved by the Civil Aviation Authority.

#### PRODUCT CHARACTERISTICS:

Voltage rating: 600 volts rms at 2000Hz  
Operating temperature range: -65°C to +260°C

#### Colours

1 core white  
2 core red, blue  
3 core red, blue, yellow  
4 core red, blue, yellow, green

#### Current ratings

Values given in the table are for guidance only.