



KP260 SINGLE CORE AIRFRAME WIRING 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		
24	19/0.12	0.56	114.7	0.98	1.16	6.5	3.55
22	19/0.15	0.74	58.8	1.10	1.32	9	4.9
20	19/0.20	0.96	32.8	1.35	1.55	13	7.7
18	19/0.25	1.21	20.8	1.60	1.80	17	11.3
16	19/0.30	1.44	14.4	1.80	2.05	21	15.8
14	37/0.25	1.71	10.6	2.10	2.40	27	21.0
12	37/0.32	2.15	6.60	2.50	2.90	35	32.0
10	37/0.40	2.74	4.13	3.20	3.70	44	53.0
8	119/0.30	4.20	2.40	4.80	5.30	63	93.0
6	182/0.30	5.15	1.57	5.80	6.30	96	140.0
4	294/0.30	6.60	0.971	7.10	7.70	140	217.0
3	203/0.45	8.30	0.606	8.80	9.40	195	330.0
1	245/0.45	9.35	0.500	9.70	10.40	220	400.0
0	322/0.45	10.50	0.381	10.90	11.70	260	525.0
00	420/0.45	11.80	0.290	12.30	13.20	300	680.0
000	518/0.45	13.40	0.237	14.00	14.80	345	835.0
0000	665/0.45	14.80	0.190	15.60	16.40	380	1060.0

* Size 24 is nickel plated copper alloy

PRODUCT DESCRIPTION:

KP260 high performance cables are produced to Brand-Rex specification HPECM44. They are approved by the Civil Aviation Authority and PANAIA.

PRODUCT CHARACTERISTICS:

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

Colours

White

Current ratings

Values given in the table are for guidance only.