



SPIRAL SCREENED AND JACKETED AIRFRAME WIRING CABLES to ASN-E specifications Types SJ, TK, UD, ST, TT, UE

Conductor				Nominal Diameter Of Screen Wires mm	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		Max. Weight
					Min mm	Max mm	kg/km	
Multi Core Cables - based on CF type - single core								
26	19/0.10	0.53	160.0	0.08	0.93	1.13	1.25	4.3
24	19/0.12	0.62	114.0	0.08	1.03	1.22	1.35	5.3
22	19/0.15	0.80	60.0	0.08	1.21	1.36	1.52	6.9
20	19/0.20	1.04	33.2	0.08	1.43	1.63	1.80	10.2
18	19/0.25	1.29	21.1	0.08	1.68	1.88	2.05	14.1
16	19/0.30	1.53	14.5	0.10	1.95	2.16	2.35	19.7
14	37/0.25	1.82	10.9	0.10	2.22	2.35	2.55	24.8
Multi Core Cables - based on CF cores - 2 core								
26	19/0.10	0.53	164.8	0.08	1.70	1.88	2.10	7.6
24	19/0.12	0.62	117.5	0.08	1.90	2.08	2.30	9.6
22	19/0.15	0.80	61.8	0.08	2.26	2.38	2.60	12.7
20	19/0.20	1.04	34.2	0.10	2.74	2.90	3.15	19.9
18	19/0.25	1.29	21.8	0.10	3.24	3.40	3.70	27.8
16	19/0.30	1.53	15.0	0.12	3.74	3.90	4.20	38.5
14	37/0.25	1.82	10.9	0.12	4.28	4.35	4.75	50.0
12	37/0.32	2.28	6.8	0.12	5.16	5.25	5.65	75.0
Multi Core Cables - based on CF cores - 3 core								
26	19/0.10	0.53	164.8	0.08	1.82	2.02	2.25	10.5
24	19/0.12	0.62	117.5	0.08	2.04	2.25	2.50	14.0
22	19/0.15	0.80	61.8	0.08	2.42	2.55	2.85	18.7
20	19/0.20	1.04	34.2	0.10	2.94	3.10	3.45	28.2
18	19/0.25	1.29	21.8	0.10	3.48	3.60	4.00	40.9
16	19/0.30	1.53	15.0	0.12	4.02	4.15	4.55	55.6
14	37/0.25	1.82	10.09	0.15	4.66	4.88	5.05	72.6

PRODUCT DESCRIPTION:

These cables are produced and approved to the relevant ASN-E specifications indicated below. They comprise a number of single core cables twisted together without further finish.

- ASN-E 0270 Type SJ Incorporating Type CF cable to ASN-E 0261
- ASN-E 0272 Type TK Incorporating 2 x CF cable to ASN-E 0261
- ASN-E 0274 Type UD Incorporating 3 x CF cable to ASN-E 0261

PRODUCT CHARACTERISTICS:

Voltage rating: 600 volts rms at 2000Hz
Operating temperature range: -55°C to +200°C

Colours

- | | |
|--------|---|
| 1 core | size 22, light green.
All other sizes, white |
| 2 core | red, blue |
| 3 core | red, blue, yellow |
| 4 core | red, blue, yellow, green |

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Conductor				Nominal Diameter Of Screen Wires mm	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		Max. Weight
					Min mm	Max mm	kg/km	
Cables based on DK type core								
26	19/0.10	0.53	160.0	0.08	1.10	1.30	1.50	6.0
24	19/0.12	0.62	114.0	0.08	1.20	1.40	1.62	7.2
22	19/0.15	0.80	60.0	0.08	1.38	1.55	1.75	9.0
20	19/0.20	1.04	33.2	0.08	1.60	1.82	2.00	12.5
18	19/0.25	1.29	21.1	0.08	1.85	2.15	2.30	17.0
16	19/0.30	1.53	14.5	0.10	2.19	2.45	2.70	23.8
Multicore cables based on DK cores - 2 core								
26	19/0.10	0.53	164.8	0.08	2.03	2.30	2.50	11.0
24	19/0.12	0.62	117.5	0.08	2.23	2.50	2.75	13.0
22	19/0.15	0.80	61.8	0.08	2.59	2.80	3.00	16.8
20	19/0.20	1.04	34.2	0.10	3.07	3.25	3.60	24.0
18	19/0.25	1.29	21.8	0.10	3.57	3.85	4.05	33.0
16	19/0.30	1.53	15.0	0.12	4.22	4.50	4.90	46.5
14	37/0.25	1.82	11.2	0.15	4.82	5.03	5.53	61.7
Multicore cables based on DK cores - 3 core								
26	19/0.10	0.53	164.8	0.08	2.18	2.40	2.60	14.6
24	19/0.12	0.62	117.5	0.08	2.40	2.60	2.90	18.2
22	19/0.15	0.80	61.8	0.08	2.79	3.00	3.20	23.0
20	19/0.20	1.04	34.2	0.10	3.30	3.50	3.80	34.8
18	19/0.25	1.29	21.8	0.10	3.84	4.00	4.35	47.5
16	19/0.30	1.53	15.0	0.12	4.54	4.85	5.20	67.5

* Sizes 26 and 24 are nickel plated copper alloy

PRODUCT DESCRIPTION:

These cables are produced and approved to the relevant ASN-E specifications indicated below. They comprise a number of single core cables twisted together without further finish.

- ASN-E 0271 Type ST Incorporating type DK cable to ASN-E 0262
- ASN-E 0273 Type TT Incorporating 2 x Type DK cable to ASN-E 0262
- ASN-E 0275 Type UE Incorporating 3 x Type DK cable to ASN-E 0262

PRODUCT CHARACTERISTICS:

Voltage rating: 600 volts rms at 2000Hz
Operating temperature range: -55°C to +260°C

Core Colours

1 core	size 22 - light green, all other sizes - white
2 core	red, blue
3 core	red, blue, yellow

Sheath Colours

Size 24, 20 and 16	light blue, all other sizes - white
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Finish

PTFE tape