


FEP / KK

FEP insulated cores, based on: NEMA HP-4
Intended for use as internal wiring of equipment
1000 V AC



Order reference		Conductor				Finished wire				Electrical	
		Silver Plated Copper (SPC)				FEP			Weight	DC Resistance	DC Current rating In free air at 40°C
		Size	Stranding	Wire	Core	Tolerance					
Description	Article Number	AWG	mm ²	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Max Ω/km	Amps
KK 3201	563cc3201	32	0.03	1 x 0.203	0.20	0.94	0.84	1.04	1.8	584	4
KK 3207	563cc3207		0.03	7 x 0.079	0.24	0.99	0.89	1.09	1.9	597	
KK 3219	563cc3219		0.04	19 x 0.050	0.24	0.99	0.89	1.09	1.9	554	
KK 3001	563cc3001	30	0.05	1 x 0.254	0.25	1.02	0.91	1.12	2.1	374	6
KK 3007	563cc3007		0.06	7 x 0.102	0.30	1.07	0.97	1.17	2.3	354	
KK 3019	563cc3019		0.06	19 x 0.060	0.30	1.07	0.97	1.17	2.3	347	
KK 2801	563cc2801	28	0.08	1 x 0.320	0.32	1.09	0.99	1.19	2.5	232	8
KK 2807	563cc2807		0.09	7 x 0.127	0.38	1.14	1.04	1.24	2.7	223	
KK 2819	563cc2819		0.09	19 x 0.079	0.37	1.14	1.04	1.24	2.7	222	
KK 2601	563cc2601	26	0.13	1 x 0.404	0.40	1.17	1.07	1.27	3.2	146	10
KK 2607	563cc2607		0.14	7 x 0.160	0.48	1.24	1.14	1.35	3.5	139	
KK 2619	563cc2619		0.15	19 x 0.102	0.48	1.24	1.14	1.35	3.6	131	
KK 2401	563cc2401	24	0.20	1 x 0.511	0.51	1.27	1.17	1.37	4.1	89.2	13
KK 2407	563cc2407		0.23	7 x 0.203	0.60	1.37	1.27	1.47	4.6	86.0	
KK 2419	563cc2419		0.24	19 x 0.127	0.60	1.37	1.27	1.47	4.7	83.3	
KK 0,25	563cc0025	-	0.25	14 x 0.15	0.66	1.38	1.28	1.48	4.0	76.9	14
KK 2201	563cc2201	22	0.32	1 x 0.643	0.64	1.41	1.30	1.52	5.6	56.4	18
KK 2207	563cc2207		0.35	7 x 0.254	0.76	1.52	1.42	1.63	6.1	54.8	
KK 2219	563cc2219		0.38	19 x 0.160	0.76	1.52	1.42	1.63	6.4	52.2	
KK 0,5	563cc0050	-	0.50	19 x 0.185	0.88	1.68	1.58	1.78	7.0	40.1	21
KK 2001	563cc2001	20	0.52	1 x 0.813	0.81	1.57	1.47	1.68	7.7	35.1	23
KK 2007	563cc2007		0.56	7 x 0.320	0.96	1.73	1.63	1.83	8.5	34.1	
KK 2019	563cc2019		0.62	19 x 0.203	0.96	1.73	1.63	1.83	9.0	32.0	
KK 0,75	563cc0075	-	0.75	19 x 0.225	1.13	1.90	1.80	2.00	11	26.7	28
KK 1801	563cc1801	18	0.82	1 x 1.024	1.02	1.80	1.68	1.93	11	22.2	31
KK 1807	563cc1807		0.90	7 x 0.404	1.21	2.01	1.88	2.13	12	21.5	
KK 1819	563cc1819		0.96	19 x 0.254	1.20	2.01	1.88	2.13	13	20.4	
KK 1,0	563cc0100	-	1.00	32 x 0.20	1.20	2.05	1.93	2.17	12	20.0	33
KK 1601	563cc1601	16	1.31	1 x 1.290	1.29	2.11	1.96	2.26	16	14.0	41
KK 1619	563cc1619		1.23	19 x 0.287	1.36	2.26	2.11	2.41	16	15.8	
KK 1,5	563cc0150	-	1.50	30 x 0.25	1.50	2.35	2.20	2.50	20	13.7	41
KK 1419	563cc1419	14	1.94	19 x 0.361	1.71	2.69	2.49	2.90	24	10.0	53

Core identification: Replace 'cc' in the article number with 2 digits below to select from available colours

00 Black 11 Brown 22 Red 33 Orange 44 Yellow 55 Green 66 Blue 77 Violet 88 Grey 99 White 29 Pink

Marking Not applicable


Characteristics and key properties

		RoHS REACH LVD		Current rating IEC 60287	Fluid resistant Fuel Oil Water		Flame resistant		Smoke free	MBR Fixed = 5x Ø Flexing = 10x Ø
Complies with NEMA HP-4								Temp low -65°C	Temp >20,000 hrs +200°C	

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KK 2,5	563cc0250	-	2.50	50 x 0.25	1.95	2.88	2.68	3.08	30	8.21	58
KK 1219	563cc1219	12	3.08	19 x 0.455	2.15	3.18	2.97	3.38	36	6.30	71
KK 1237	563cc1237		2.98	37 x 0.320	2.24	3.12	2.92	3.33	37	6.59	
KK 4	563cc0400	-	4.00	56 x 0.30	2.48	3.45	3.25	3.65	47	5.09	78
KK 1037	563cc1037	10	4.74	37 x 0.404	2.82	3.68	3.48	3.89	54	4.13	94
KK 6	563cc0600	-	6.00	84 x 0.30	2.92	4.24	3.99	4.49	66	3.39	102
KK 8133	563cc8133	8	8.61	133 x 0.287	4.10	5.31	5.05	5.56	98	2.30	140
KK 10	563cc1000	-	10.0	80 x 0.40	3.93	5.48	5.28	5.68	112	1.95	144
KK 6133	563cc6133	6	12.6	133 x 0.361	5.13	7.45	7.26	7.65	174	1.46	191
KK 16	563cc1600	-	16.0	128 x 0.40	5.70	7.45	7.20	7.70	166	1.24	197
KK 4133	563cc4133	4	21.6	133 x 0.455	6.75	9.12	8.86	9.37	267	0.920	258
KK 25	563cc2500	-	25.0	196 x 0.40	7.20	8.60	8.34	8.86	300	0.795	270
KK 2665	563cc2665	2	33.7	665 x 0.254	8.51	10.29	10.03	10.54	376	0.580	339
KK 1817	563cc1817	1	41.4	817 x 0.254	9.60	12.32	10.07	12.57	469	0.490	391

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