

KZ 04, KZ 05, KZ 06

Unscreened hook-up wires
High temperature

Applications

Internal wiring in electronic equipment.
Aircrafts and satellites.
Excellent chemical resistance.
In order to increase the operating temperature of the cables up to 250°C, all KZ types can be produced with a nickel plated copper conductor on request.

From 250 to 1000 Volts

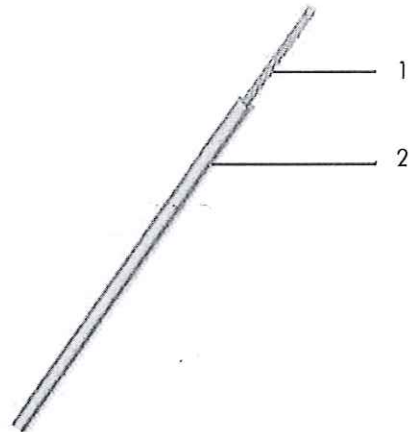
Construction

1- CONDUCTOR

Stranded silvered copper wires

2- INSULATION

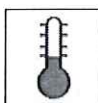
Extruded polytetrafluorethylene (P.T.F.E.)



Single core and multi-core cables

Standards

NF C 93-523



-55 °C to +200 °C



Fire retardant
(NF C 32-070/C1)



Flexible



RoHS

KZ - Unscreened hook-up wires, high temperature

NF C 93-523 and Nexans references	Gauge AWG	Cross section mm ²	Construction n x Ø mm	Nom. Ø mm	D.C. resist. at 20°C maxi. Ohms / Km	Overall Ø		Maximum weight Kg / Km	Operating voltage Volts
						mini.	maxi.		
						mm			
KZ 04 - 01	32	0.035	7 x 0.08	0.24	546	0.48	0.58	0.95	250
KZ 04 - 02	30	0.055	7 x 0.10	0.30	349	0.56	0.66	1.3	
KZ 04 - 03	28	0.093	7 x 0.13	0.39	201	0.63	0.73	1.75	
KZ 04 - 04	26	0.14	7 x 0.16	0.48	132	0.74	0.84	2.4	
KZ 04 - 05	24	0.22	7 x 0.20	0.60	86	0.86	0.96	3.4	
KZ 04 - 06	22	0.34	7 x 0.25	0.75	54.4	1.01	1.11	5.0	
KZ 04 - 07	20	0.60	19 x 0.20	1.00	31.3	1.30	1.40	8.25	
KZ 05 - 01	32	0.035	7 x 0.08	0.24	546	0.63	0.84	1.65	600
KZ 05 - 02	30	0.055	7 x 0.10	0.30	349	0.71	0.91	2.1	
KZ 05 - 03	28	0.093	7 x 0.13	0.39	201	0.79	1.00	2.6	
KZ 05 - 04	26	0.14	7 x 0.16	0.48	132	0.89	1.10	3.4	
KZ 05 - 05	24	0.22	7 x 0.20	0.60	86	1.04	1.22	4.5	
KZ 05 - 06	22	0.34	7 x 0.25	0.75	54.4	1.17	1.37	6.2	
KZ 05 - 07	20	0.60	19 x 0.20	1.00	31.3	1.42	1.62	9.5	
KZ 05 - 08	18	0.93	19 x 0.25	1.25	20.5	1.67	1.92	14.1	
KZ 05 - 09	16	1.34	19 x 0.30	1.50	13.9	1.92	2.27	20.0	
KZ 05 - 10	14	1.91	27 x 0.30	1.85	10.0	2.30	2.66	27.0	
KZ 05 - 11	12	3.18	45 x 0.30	2.45	6.0	2.89	3.24	42.5	
KZ 06 - 01	32	0.035	7 x 0.08	0.24	546	0.88	1.09	2.6	1000
KZ 06 - 02	30	0.055	7 x 0.10	0.30	349	0.95	1.16	3.0	
KZ 06 - 03	28	0.093	7 x 0.13	0.39	201	1.04	1.24	3.7	
KZ 06 - 04	26	0.14	7 x 0.16	0.48	132	1.14	1.34	4.6	
KZ 06 - 05	24	0.22	7 x 0.20	0.60	86	1.27	1.47	5.75	
KZ 06 - 06	22	0.34	7 x 0.25	0.75	54.4	1.42	1.63	7.7	
KZ 06 - 07	20	0.60	19 x 0.20	1.00	31.3	1.66	1.86	11.0	
KZ 06 - 08	18	0.93	19 x 0.25	1.25	20.5	1.92	2.17	16.0	
KZ 06 - 09	16	1.34	19 x 0.30	1.50	13.9	2.10	2.41	21.1	
KZ 06 - 10	14	1.91	27 x 0.30	1.85	10.0	2.51	2.92	30.0	
KZ 06 - 11	12	3.18	45 x 0.30	2.45	6.0	3.14	3.55	47.5	

KU

Unscreened hook up wires,
pairs and triples

Applications

Internal wiring in electronic equipment.

600 volts

Construction

BASE CORE KU 01

1- CONDUCTOR

Stranded annealed tinned copper wires

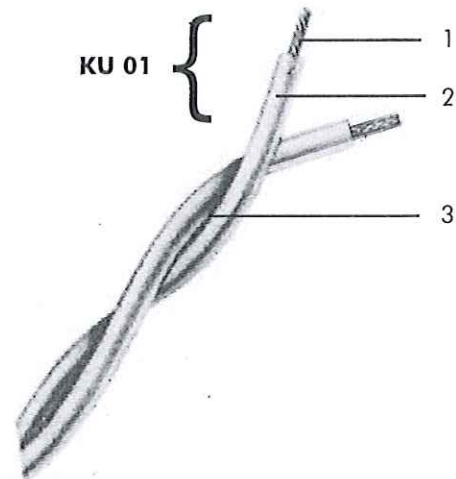
2- INSULATION

Ethylene and tetrafluorethylene copolymer (E.T.F.E)

KU 03 and KU 04

3- LAY UP

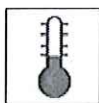
2 or 3 base cores



Single core and multicore cables

Standards

NF C 93-524



-55 °C to +150 °C



Flame and fire retardant
(NF C 32-070/C1 & C2)



Flexible



RoHS

KU - Unscreened hook up wires

NFC 93-524 and Nexans references	Gauge AWG	Cross section mm ²	Construction n x Ø mm	Overall diameter		Average weight Kg / Km
				mini.	maxi.	
				mm		
KU 01-30	30	0.05	7 x 0.10	0.58	0.64	0.88
KU 01-28	28	0.09	7 x 0.13	0.64	0.70	1.25
KU 01-26	26	0.15	19 x 0.10	0.76	0.82	1.93
KU 01-24	24	0.25	19 x 0.13	0.86	0.92	2.88
KU 01-22	22	0.38	19 x 0.16	1.05	1.11	4.36
KU 01-20	20	0.60	19 x 0.20	1.47	1.53	6.98
KU 01-18	18	0.93	19 x 0.25	1.75	1.81	10.89
KU 01-16	16	1.34	19 x 0.30	1.93	2.03	14.79
KU 01-14	14	1.82	37 x 0.25	2.26	2.42	20.58
KU 01-12	12	3.00	37 x 0.32	2.79	2.95	32.95

KU - Pairs and triples

Nb of cores	NFC 93-524 and Nexans references	BASE CORE				Nom Ø core mm	Overall Ø		Average weight Kg / Km	Colour coding of cores
		Type	Conductor				mini.	maxi.		
			Gauge AWG	Cross section mm ²	Construction n x Ø mm					
2	KU 03 - 30	KU 01 - 30	30	0.05	7 x 0.10	0.61	1.16	1.36	1.85	White Blue
	KU 03 - 28	KU 01 - 28	28	0.09	7 x 0.13	0.67	1.28	1.48	2.62	
	KU 03 - 26	KU 01 - 26	26	0.15	19 x 0.10	0.79	1.52	1.72	4.05	
	KU 03 - 24	KU 01 - 24	24	0.25	19 x 0.13	0.89	1.72	1.92	6.04	
	KU 03 - 22	KU 01 - 22	22	0.38	19 x 0.16	1.08	2.10	2.30	9.16	
	KU 03 - 20	KU 01 - 20	20	0.60	19 x 0.20	1.5	2.94	3.14	15.18	
	KU 03 - 18	KU 01 - 18	18	0.93	19 X 0.25	1.78	3.50	3.70	22.83	
	KU 03 - 16	KU 01 - 16	16	1.34	19 X 0.30	1.98	3.86	4.14	31.00	
	KU 03 - 14	KU 01 - 14	14	1.82	37 X 0.25	2.34	4.52	4.92	43.14	
	KU 03 - 12	KU 01 - 12	12	3.00	37 X 0.32	2.87	5.58	5.98	69.06	
3	KU 04 - 30	KU 01 - 30	30	0.05	7 x 0.10	0.61	1.25	1.46	2.72	White Blue Orange
	KU 04 - 28	KU 01 - 28	28	0.09	7 x 0.13	0.67	1.38	1.58	3.86	
	KU 04 - 26	KU 01 - 26	26	0.15	19 x 0.10	0.79	1.63	1.85	5.97	
	KU 04 - 24	KU 01 - 24	24	0.25	19 x 0.13	0.89	1.85	2.06	8.90	
	KU 04 - 22	KU 01 - 22	22	0.38	19 x 0.16	1.08	2.26	2.47	13.50	
	KU 04 - 20	KU 01 - 20	20	0.60	19 x 0.20	1.5	3.16	3.38	22.37	
	KU 04 - 18	KU 01 - 18	18	0.93	19 X 0.25	1.78	3.76	3.98	33.65	
	KU 04 - 16	KU 01 - 16	16	1.34	19 X 0.30	1.98	4.15	4.45	45.70	
	KU 04 - 14	KU 01 - 14	14	1.82	37 X 0.25	2.34	4.86	5.29	63.59	
	KU 04 - 12	KU 01 - 12	12	3.00	37 X 0.32	2.87	6.00	6.43	101.81	