

## PTFE / KZ05

PTFE insulated cores, based on: NF C 93-523  
 Intended for use as internal wiring of equipment  
 600 V AC



Order reference		Conductor				Finished wire				Electrical	
		Silver Plated Copper (SPC)				PTFE			Weight	DC resistance	DC Current rating
		Size	Stranding	Wire	Core	Tolerance		UTE C 93-523		In free air at 40°C	
Description	Article Number	AWG	mm <sup>2</sup>	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Max Ω/km	Amps
KZ 05-01	0062cc05001	32	0.04	7 x 0.079	0.24	0.74	0.63	0.84	1.1	546	4
KZ 05-02	0062cc05002	30	0.06	7 x 0.102	0.31	0.81	0.71	0.91	1.4	349	6
KZ 05-03	0062cc05003	28	0.09	7 x 0.127	0.38	0.90	0.79	1.00	1.9	201	7
KZ 05-04	0062cc05004	26	0.14	7 x 0.160	0.48	1.00	0.89	1.10	2.5	132	10
KZ 05-05	0062cc05005	24	0.22	7 x 0.203	0.61	1.13	1.04	1.22	3.5	86.0	14
KZ 05-06	0062cc05006	22	0.36	7 x 0.254	0.76	1.27	1.17	1.37	4.9	54.4	18
KZ 05-07	0062cc05007	20	0.60	19 x 0.203	0.96	1.52	1.42	1.62	7.8	31.3	26
KZ 05-08	0062cc05008	18	0.96	19 x 0.254	1.20	1.80	1.68	1.92	11	20.5	34
KZ 05-09	0062cc05009	16	1.34	19 x 0.300	1.50	2.10	1.93	2.27	15	13.9	41
KZ 05-10	0062cc05010	14	1.90	27 x 0.300	1.85	2.48	2.30	2.66	21	10.0	53
KZ 05-11	0062cc05011	12	3.18	45 x 0.300	2.45	3.07	2.90	3.24	34	6.00	73

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
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Marking Not applicable

### Characteristics and key properties

		RoHS REACH LVD	<b>Current</b> rating IEC 60287	<b>Fluid</b> resistant Fuel Oil Water	<b>Flame</b> resistant	<b>Smoke</b> free	<b>MBR</b> Fixed = 5x Ø Flexing = 10x Ø
<b>Complies</b> with NF C 93-523						<b>Temp</b> low <b>-65°C</b>	<b>Temp</b> >20,000 hrs <b>+200°C</b>

DISCLAIMER: Information is indicative and cannot be considered a binding representation or warranty for products and their use. Valid at the time of publication, it is subject to change without notice. Data indicates nominal values in millimetres (mm) unless otherwise stated.