


## FEP / KT TPC

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



Order reference		Conductor				Finished wire				Electrical	
		Tin Plated Copper (TPC)				FEP			Weight	DC Resistance	DC Current rating In free air at 40°C
		Size	Stranding	Wire	Core	Tolerance					
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
KT 3201 TPC	558cc3201	32	0.03	1 x 0.203	0.20	0.51	0.46	0.56	0.7	584	4
KT 3207 TPC	558cc3207		0.03	7 x 0.079	0.24	0.56	0.51	0.61	0.8	597	
KT 3219 TPC	558cc3219		0.04	19 x 0.051	0.24	0.56	0.51	0.61	0.8	554	
KT 3001 TPC	558cc3001	30	0.05	1 x 0.254	0.25	0.56	0.51	0.61	0.9	374	5
KT 3007 TPC	558cc3007		0.06	7 x 0.102	0.30	0.61	0.56	0.66	1.0	354	
KT 3019 TPC	558cc3019		0.06	19 x 0.064	0.30	0.61	0.56	0.66	1.0	347	
KT 2801 TPC	558cc2801	28	0.08	1 x 0.320	0.32	0.64	0.59	0.69	1.5	232	7
KT 2807 TPC	558cc2807		0.09	7 x 0.127	0.38	0.69	0.64	0.74	1.4	223	
KT 2819 TPC	558cc2819		0.09	19 x 0.079	0.37	0.69	0.64	0.74	1.2	222	
KT 2601 TPC	558cc2601	26	0.13	1 x 0.404	0.40	0.71	0.66	0.76	1.7	146	9
KT 2607 TPC	558cc2607		0.14	7 x 0.160	0.48	0.79	0.74	0.84	2.0	139	
KT 2619 TPC	558cc2619		0.15	19 x 0.102	0.48	0.79	0.74	0.84	2.1	131	
KT 2401 TPC	558cc2401	24	0.20	1 x 0.511	0.51	0.81	0.76	0.86	2.6	89.2	12
KT 2407 TPC	558cc2407		0.23	7 x 0.203	0.60	0.91	0.86	0.96	2.9	86.0	
KT 2419 TPC	558cc2419		0.24	19 x 0.127	0.60	0.91	0.86	0.96	2.9	83.3	
KT 0,25 TPC	558cc0025	-	0.25	14 x 0.15	0.66	0.95	0.89	1.01	4.0	76.9	13
KT 2201 TPC	558cc2201	22	0.32	1 x 0.643	0.64	0.95	0.89	1.01	3.8	56.4	15
KT 2207 TPC	558cc2207		0.35	7 x 0.254	0.76	1.07	1.02	1.12	4.4	54.8	
KT 2219 TPC	558cc2219		0.38	19 x 0.160	0.76	1.07	1.02	1.12	4.4	52.2	
KT 0,5 TPC	558cc0050	-	0.50	19 x 0.185	0.88	1.25	1.20	1.30	6.0	40.1	21
KT 2001 TPC	558cc2001	20	0.52	1 x 0.813	0.81	1.12	1.07	1.17	5.6	35.1	21
KT 2007 TPC	558cc2007		0.56	7 x 0.320	0.96	1.27	1.22	1.32	6.3	34.1	
KT 2019 TPC	558cc2019		0.62	19 x 0.203	0.96	1.27	1.22	1.32	6.6	32.0	
KT 0,75 TPC	558cc0075	-	0.75	24 x 0.20	1.13	1.45	1.40	1.50	9.0	26.7	27

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		<b>Current rating</b> IEC 60287	<b>Fluid resistant</b> Fuel Oil Water		<b>Flame resistant</b>		<b>Smoke free</b>	<b>MBR</b> Fixed = 5x Ø Flexing = 10x Ø
<b>Complies with</b> NEMA HP-4								<b>Temp low</b> -65°C	<b>Temp &gt;20,000 hrs</b> +150°C	<b>Temp peak</b> +180°C

DISCLAIMER: This document and its content remain the property of Habia Cable. It may not be used, copied or provided to any other party than the intended recipient, without prior written permission from Habia Cable. The product shown is intended for professional use and is subject to the user's own evaluation for any particular purpose. Information provided indicates nominal, indicative values and cannot be considered a binding representation or warranty for products and their use. Information is considered valid at the time of publication and is subject to change without notice.