

KT FEP

250V
-65°C/+180°C and +200°C

Single core

Temp.	TPC SPC	-65°C to +180°C -65°C to +200°C
Voltage	0.25/0.5kV AC U ₀ /U	
Test voltage	2.5V AC	
Flame retardant		
Low smoke generation		
• NEMA HP-4		

Construction

Conductor	KT TPC KT	Tin Plated Copper (TPC) Silver Plated Copper (SPC)							Insulation	FEP		
Colour 'cc'	00 Bk	11 Br	22 Rd	33 Or	44 Yw	55 Gn	66 Bl	77 Vi	88 Gr	99 Wh	29 Pk	89 Nat

Application

FEP is a thin wall insulation and jacket material intended for applications up to 200°C. FEP has good electrical properties and excellent fire performance. It is the most flexible of the fluoropolymer insulations and is ideal for use in long lengths. FEP is primarily used in data and coaxial cables, as well as for medical applications and control/signal cables for high temperature use. According to NEMA HP-4.

Description	Size		Conductor			Finished Wire			Electrical	Article Number
	AWG	CSA mm ²	stranding	resistance Ω/km	wire Ø	core Ø	tolerance	weight g/m	amps at 40°C	
KT 3201 TPC KT 3201	32	0.03	1 x 0.203	584.00	0.20	0.51	±0.05	0.7	2 3	558cc3201 561cc3201
KT 3207 TPC KT 3207	32	0.03	7 x 0.079	597.10	0.24	0.56	±0.05	0.8	2 3	558cc3207 561cc3207
KT 3219 TPC KT 3219	32	0.04	19 x 0.051	554.50	0.24	0.56	±0.05	0.8	2 3	558cc3219 561cc3219
KT 3001 TPC KT 3001	30	0.05	1 x 0.254	374.00	0.25	0.56	±0.05	0.9	3 4	558cc3001 561cc3001
KT 3007 TPC KT 3007	30	0.06	7 x 0.102	354.30	0.30	0.61	±0.05	1.0	3 4	558cc3007 561cc3007
KT 3019 TPC KT 3019	30	0.06	19 x 0.064	347.80	0.30	0.61	±0.05	1.0	3 4	558cc3019 561cc3019
KT 2801 TPC KT 2801	28	0.08	1 x 0.320	232.30	0.32	0.64	+0.05 -0.06	1.5	4 5	558cc2801 561cc2801
KT 2807 TPC KT 2807	28	0.09	7 x 0.127	223.80	0.38	0.69	±0.05	1.4	4 5	558cc2807 561cc2807
KT 2819 TPC KT 2819	28	0.09	19 x 0.079	222.10	0.37	0.69	±0.05	1.2	4 5	558cc2819 561cc2819
KT 2601 TPC KT 2601	26	0.13	1 x 0.404	146.00	0.40	0.71	±0.05	1.7	6 7	558cc2601 561cc2601
KT 2607 TPC KT 2607	26	0.14	7 x 0.160	139.80	0.48	0.79	±0.05	2.0	6 7	558cc2607 561cc2607
KT 2619 TPC KT 2619	26	0.15	19 x 0.102	131.60	0.48	0.79	±0.05	2.1	6 7	558cc2619 561cc2619
KT 2401 TPC KT 2401	24	0.20	1 x 0.511	89.20	0.51	0.81	±0.05	2.6	8 10	558cc2401 561cc2401
KT 2407 TPC KT 2407	24	0.23	7 x 0.203	86.00	0.60	0.91	+0.06 -0.05	2.9	8 10	558cc2407 561cc2407
KT 2419 TPC KT 2419	24	0.24	19 x 0.127	83.30	0.60	0.91	+0.06 -0.05	2.9	8 10	558cc2419 561cc2419
KT 0.25 TPC KT 0.25	-	0.25	14 x 0.150	76.90	0.66	0.95	±0.05	4.0	9 10	558cc0025 561cc0025
KT 2201 TPC KT 2201	22	0.32	1 x 0.643	56.40	0.64	0.95	+0.07 -0.06	3.8	12 14	558cc2201 561cc2201
KT 2207 TPC KT 2207	22	0.35	7 x 0.254	54.80	0.76	1.07	±0.05	4.4	12 14	558cc2207 561cc2207
KT 2219 TPC KT 2219	22	0.38	19 x 0.160	52.20	0.76	1.07	±0.05	4.4	12 14	558cc2219 561cc2219
KT 0.50 TPC KT 0.50	-	0.50	16 x 0.200 19 x 0.185	40.10	0.88	1.25	±0.05	6.0	14 17	558cc0050 561cc1950
KT 2001 TPC KT 2001	20	0.52	1 x 0.813	35.10	0.81	1.12	±0.05	5.6	16 19	558cc2001 561cc2001
KT 2007 TPC KT 2007	20	0.56	7 x 0.320	34.10	0.96	1.27	±0.05	6.3	16 19	558cc2007 561cc2007
KT 2019 TPC KT 2019	20	0.62	19 x 0.203	32.00	0.96	1.27	±0.05	6.6	16 19	558cc2019 561cc2019
KT 0.75 TPC KT 0.75 TPC KT 0.75	-	0.75	24 x 0.200 19 x 0.225 19 x 0.225	26.70	1.05 1.13 1.13	1.45	±0.05	9	19 19 22	558cc0075 558cc1975 561cc1975