

705 WAMBA AVENUE
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HIGH VOLTAGE FEP WIRES: FEP, ETCHED FEP AND SILICONE COATED FEP

Outstanding Features:

- * High Temperature - 55°C Thru 200°C
- * High Voltage 1 KVDC thru 30 KVDC
- * 28 AWG thru 20 AWG Conductors, Silver plated copper
- * High flexibility
- * Ozone and corona Resistant
- * Silicone coating provides a bond ready jacket compatible with potting materials and adhesives (i.e. RTV based)
- * Pre-etching provides a bond ready FEP surface compatible with potting materials. (i.e epoxy based).
- * Small Diameter
- * Nomex Braid offered for abrasive applications
- * Reference: MIL-W-22759
- * FEP Resins meet flammability requirements of UL94V-O
- * All wires are RoHS Compliant

HV FEP WIRES

CONNECTRONICS PART NUMBER	KVDC RATING	AWG SIZE	STRANDING CONSTRUCTION	PRIMARY O.D. DIA. INCHES	PRIMARY O.D. M.M.
ETN 1828	18	28	19/40	0.040	1.02
ETN 1826	18	26	19/38	0.045	1.14
ETN 2026	20	26	19/38	0.050	1.27
ETN 1824	18	24	19/36	0.050	1.27
ETN 2022	20	22	19/34	0.060	1.52
ETN 2520	25	20	19/32	0.080	2.03
ETN 3020	30	20	19/32	0.100	2.54
ETN 3018	30	18	19/30	0.130	3.30

PRE-ETCHED FEP WIRES

CONNECTRONICS PART NUMBER	KVDC RATING	AWG SIZE	STRANDING CONSTRUCTION	PRIMARY O.D. DIA. INCHES	PRIMARY O.D. M.M.
ET 1828	18	28	19/40	0.040	1.02
ET 1826	18	26	19/38	0.045	1.14
ET 1824	18	24	19/36	0.050	1.27
ET 2022	20	22	19/34	0.060	1.52
ET 2520	25	20	19/32	0.080	2.03
ET 3020	30	20	19/32	0.100	2.54

"Sil-Koat" Silicone coated FEP Wires

CONNECTRONICS PART NUMBER	KVDC RATING	AWG SIZE	STRANDING CONSTRUCTION	PRIMARY DIA. INCHES	PRIMARY O.D. M.M.	FINISHE D O.D. INCHES	FINISHED O.D. M.M.
SK 1828A	18	28	19/40	0.040	1.02	0.052	1.32
SK 1824A	18	24	19/36	0.050	1.27	0.060	1.52
SK 1824B	18	24	19/36	0.050	1.27	0.070	1.78
SK 2022A	20	22	19/34	0.060	1.52	0.070	1.78
SK 2022B	20	22	19/34	0.060	1.52	0.080	2.03
SK 2520A	25	20	19/32	0.080	2.03	0.090	2.29
SK 2520B	25	20	19/32	0.080	2.03	0.100	2.54
SK 3020A	30	20	19/32	0.100	2.54	0.110	2.79
SK 3020B	30	20	19/32	0.100	2.54	0.120	3.05

WHEN ORDERING USE THE FOLLOWING DASH NUMBER FOR COLOR WHERE APPLICABLE

BLACK -0	-3 ORANGE	-6 BLUE	-9 WHITE
-1 BROWN	-4 YELLOW	-7 VIOLET	
-2 RED	-5 GREEN	-8 GRAY	

THE ABOVE LIST OF PART NUMBERS REPRESENT STANDARD CONSTRUCTIONS AVAILABLE-
ADDITIONAL CONSTRUCTIONS ARE AVAILABLE UPON REQUEST.

Typical Application

- * TWT'S
- * Laser Systems
- * CRT Displays
- * Military & Space
- * Industrial & Medical
- * Power Supplies