

200C/600V

BRAIDED FEP/FEP HIGH-TEMPERATURE CABLE

RATINGS / APPROVALS

200°C – 600 Volts

Passes the IEEE-383 Vertical Cable Tray Flame Test

Passes UL VW-1 Flame Test

CONSTRUCTION

Conductors

22 AWG – 2 AWG

Annealed tinned copper

Insulating System

Extruded fluorinated ethylene propylene (FEP) fluoropolymer insulation with fiberglass braid cover over each insulated conductor. Braid is treated with a moisture and high temperature resistant finish for K-2 color coding. (Unless specified)

Overall Binder Tapes

Nomex®

Outer Covering

Extruded fluorinated ethylene propylene (FEP) fluoropolymer outer jacket.

Standard Color

Black (Colors available)

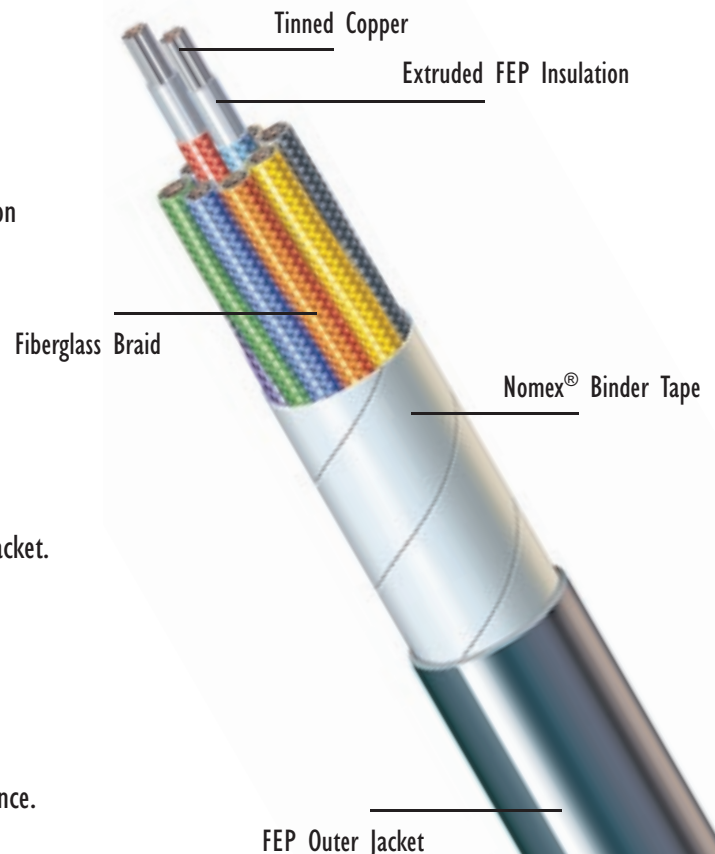
CHARACTERISTICS

- FEP leads have outstanding chemical, fluid, age and ozone resistance.
- Fillers, where needed, are made with flame impervious fibers with moisture repellent finish.
- Cable utilizes Radix “Torque Free” design. This eliminates memory found in traditional right hand or left hand twisted cables.
- Small diameter.

APPLICATION

Multiple conductor cables insulated and jacket with FEP Teflon® are widely used in industrial high temperature applications where resistance to abrasion and mechanical abuse coupled with moisture or fluid resistance are desired. This wire is widely used in steel and glass plants, as well as high temperature locations near boilers, steam lines and in chemical processing plants. Use above or below grade in raceway, tray, or conduit.

Nomex® is a registered trademark of DuPont.



Radix Wire Company

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SPECIFICATIONS

BRAIDED FEP/FEP HIGH-TEMPERATURE CABLE

BRAIDED FEP/FEP 200C/600V

Part No.	Awg. Size	# Strands	# Leads	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km
FT18AT02A	18	7	2	0.215	5.46	31.18	46.40
FT18AT03A	18	7	3	0.228	5.79	42.18	62.77
FT18AT04A	18	7	4	0.251	6.38	51.21	76.21
FT18AT05A	18	7	5	0.284	7.21	67.56	100.55
FT18AT06A	18	7	6	0.312	7.92	79.35	118.09
FT16AT02A	16	7	2	0.236	5.99	39.65	59.01
FT16AT03A	16	7	3	0.252	6.40	54.53	81.15
FT16AT04A	16	7	4	0.283	7.19	69.92	104.06
FT16AT05A	16	7	5	0.314	7.98	88.01	130.98
FT16AT06A	16	7	6	0.345	8.76	103.76	154.42
FT14AT02A	14	7	2	0.267	6.78	54.28	80.78
FT14AT03A	14	7	3	0.290	7.37	76.73	114.19
FT14AT04A	14	7	4	0.319	8.10	96.21	143.18
FT14AT05A	14	7	5	0.355	9.02	120.65	179.56
FT14AT06A	14	7	6	0.390	9.91	142.75	212.45
FT12CT02A	12	19	2	0.308	7.82	78.08	116.20
FT12CT03A	12	19	3	0.328	8.33	106.39	158.33
FT12CT04A	12	19	4	0.362	9.19	135.36	201.45
FT12CT05A	12	19	5	0.402	10.21	169.33	252.00
FT12CT06A	12	19	6	0.442	11.23	200.97	299.09
FT10CT02A	10	19	2	0.362	9.19	111.50	165.94
FT10CT03A	10	19	3	0.387	9.83	156.58	233.03
FT10CT04A	10	19	4	0.427	10.85	200.10	297.80
FT10CT05A	10	19	5	0.486	12.34	256.91	382.34
FT10CT06A	10	19	6	0.534	13.56	305.05	453.99

Standard conductor: Tinned Copper

Consult factory for alternate conductor and stranding options.

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All dimensions listed above are nominal.

Information included in this catalog is intended as a guideline only. For applications that require tight tolerances, please contact the Radix factory for dimensional verification. Information herein is believed to be accurate as of publication date; however, if an error exists it is unintentional and Radix Wire Company, Inc. is not responsible for any claim traceable to such error.



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