

200C/600V

FEP/FEP HIGH TEMPERATURE CABLE

RATINGS / APPROVALS

200°C - 600 Volts

Passes the IEEE-383 Vertical Cable Tray Flame Test

Passes UL VW-I Flame Test

RoHS Compliant

CONSTRUCTION

Conductors:

22 AWG - 2 AWG

Annealed tinned copper

Insulating System:

Colored extruded fluorinated ethylene propylene (FEP) fluoropolymer insulation.

K-2 color code. (Unless specified)

Overall Binder Tapes:

Nomex[®]

Outer Covering:

Extruded fluorinated ethylene propylene (FEP) fluoropolymer outer jacket

Standard Color:

Black (Colors Available)

Options:

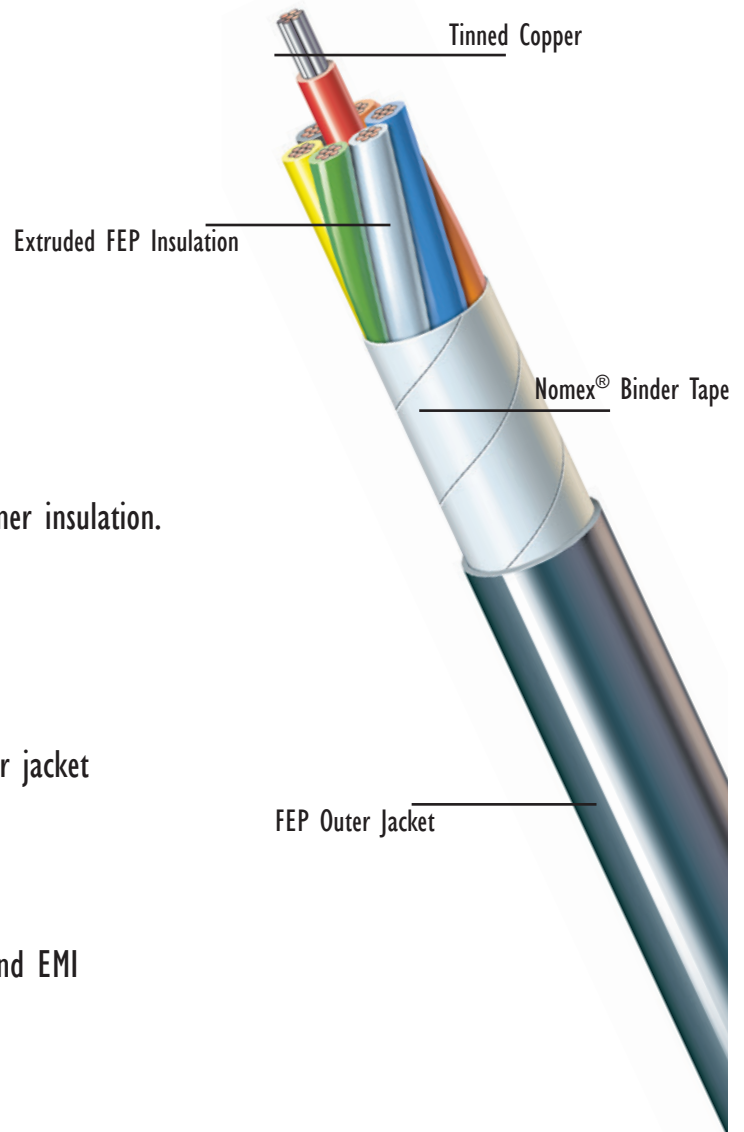
Nomex[®] Aluminum Tape — providing 100% protection from RF and EMI interference.

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 where small O.D. is required 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.



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SPECIFICATIONS

FEP/FEP HIGH TEMPERATURE CABLE

FEP FEP 200C/600V

Part Number	AWG Size	# Strands.	# Leads	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km
FQ18AT02A	18	7	2	0.186	4.72	26.04	38.75
FQ18AT03A	18	7	3	0.198	5.03	34.94	52.00
FQ18AT04A	18	7	4	0.217	5.51	41.80	62.21
FQ18AT05A	18	7	5	0.240	6.10	51.16	76.14
FQ18AT06A	18	7	6	0.264	6.71	60.52	90.07
FQ16AT02A	16	7	2	0.211	5.36	34.55	51.42
FQ16AT03A	16	7	3	0.225	5.72	47.29	70.38
FQ16AT04A	16	7	4	0.247	6.27	58.05	86.39
FQ16AT05A	16	7	5	0.274	6.96	73.67	109.64
FQ16AT06A	16	7	6	0.307	7.80	89.61	133.36
FQ14AT02A	14	7	2	0.242	6.15	48.58	72.30
FQ14AT03A	14	7	3	0.257	6.53	66.08	98.34
FQ14AT04A	14	7	4	0.289	7.34	85.33	126.99
FQ14AT05A	14	7	5	0.321	8.15	107.24	159.60
FQ14AT06A	14	7	6	0.352	8.94	126.80	188.71
FQ12CT02A	12	19	2	0.282	7.16	70.15	104.40
FQ12CT03A	12	19	3	0.301	7.65	96.78	144.03
FQ12CT04A	12	19	4	0.331	8.41	122.83	182.80
FQ12CT05A	12	19	5	0.368	9.35	153.86	228.98
FQ12CT06A	12	19	6	0.404	10.26	182.55	271.68
FQ10CT02A	10	19	2	0.337	8.56	103.74	154.39
FQ10CT03A	10	19	3	0.360	9.14	145.45	216.46
FQ10CT04A	10	19	4	0.397	10.08	185.54	276.13
FQ10CT05A	10	19	5	0.442	11.23	231.84	345.03
FQ10CT06A	10	19	6	0.497	12.62	283.01	421.19

Standard conductor: Tinned Copper

Consult factory for alternate conductor and stranding options.

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 & Cable is not responsible for any claim traceable to such error.

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Radix Wire & Cable
26000 Lakeland Boulevard, Euclid, OH 44132
Tel: 216 731-9191 • Fax: 216 731-7082
www.radix-wire.com