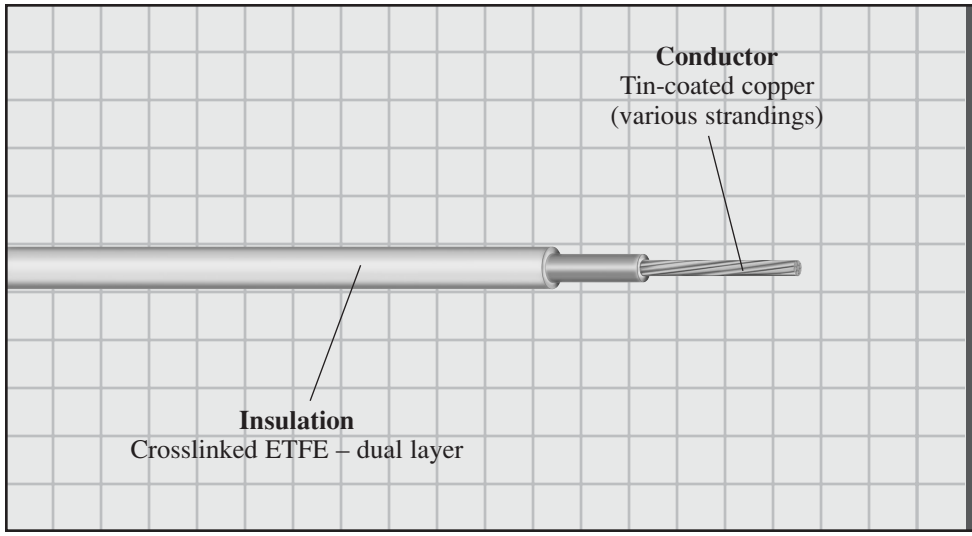


Crosslinked ETFE

150° Transit

600 Volt
Normal Weight (dual layer)

Spec. DFA1110

Scope

These normal weight, high temperature airframe and avionics wires utilize a dual layer insulation of crosslinked, modified ethylene tetrafluoroethylene copolymer (ETFE). The contrasting colors of the layers provide a visual indication of possible abrasion or other mechanical damage due to physical abuse during service or installation. The insulation resists high PH cleaning fluids, fuel, lubricating oils, and many other chemicals. These wires can withstand temperature test extremes ranging from cold bend at –65°C through aging at 300°C for 7 hours. These wires are a mechanically tough, flame retardant, and weight saving solution to many electronic applications.

Features

- Thermoset insulation
- High temperature rating
- Low temperature –65°C
- Light weight
- Excellent fluid, oil and moisture resistant

Performance Standards

- Meets all requirements of MIL-W-22759/34
- Temperature rating 150°C

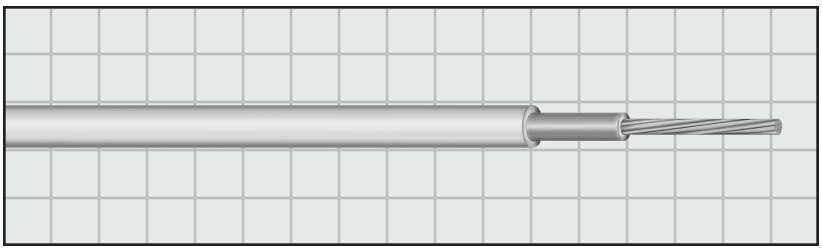
Construction

Conductor
Tin coated copper

Insulation
Normal wall crosslinked ETFE (dual layer)

Crosslinked ETFE
150°C Transit Wire

600 Volt
Normal Wall (dual layer)



Spec. DFA1110

Product Number	Conductor Size (AWG)	(mm^2)	Stranding	Max. Strand Diameter (Inch)	(mm)	Nom. Diameter (Inch)	(mm)	Max. Weight (#/m')	(kg/km)
XTFZ24N	24	.24	19/36	.026	.66	.045	1.14	2.3	3.42
XTFZ22N	22	.38	19/34	.033	.84	.050	1.27	3.2	4.76
XTFZ20N	20	.62	19/32	.041	1.04	.058	1.47	4.7	6.99
XTFZ18N	18	.96	19/30	.051	1.29	.070	1.78	7.2	10.7
XTFZ16N	16	1.23	19/29	.058	1.47	.077	1.95	9.0	13.4
XTFZ14N	14	1.94	19/27	.073	1.85	.094	2.39	13.8	20
XTFZ12N	12	3.08	37/28	.090	2.29	.111	2.82	20.5	30
XTFZ10N	10	4.74	37/26	.114	2.89	.134	3.40	32.4	48
XTFZ8N	8	8.61	133/29	.173	4.39	.195	4.95	60.3	90
XTFZ6N	6	13.6	133/27	.217	5.51	.241	6.12	94.5	141
XTFZ4N	4	22	133/25	.274	6.96	.310	7.87	150.0	223