

Scope

These light weight, high temperature airframe and avionics wires utilize an insulation of cross-linked, modified ethylene tetrafluoroethylene copolymer (ETFE). The insulation resists high PH cleaning fluids, fuels, 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-22759/32
- Temperature rating 150°C

Construction

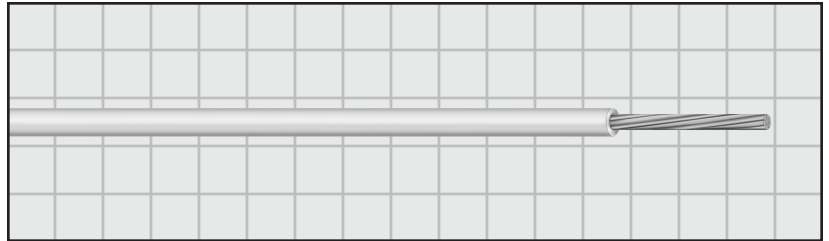
Conductor
Tin coated copper

Insulation
Thin wall crosslinked ETFE

Crosslinked ETFE 150°C Transit Wire

600 Volt
Light Weight

Spec. DFA1110



Product Number	Conductor Size		Stranding	Max. Strand Diameter		Nom. Diameter		Max. Weight	
	(AWG)	(mm ²)		(Inch)	(mm)	(Inch)	(mm)	(#/m')	(kg/km)
XTFZ30L	30	.06	7/38	.013	.33	.024	.61	.66	.98
XTFZ28L	28	.09	7/36	.016	.41	.027	.68	.91	1.35
XTFZ26L	26	.15	19/38	.021	.53	.032	.81	1.4	2.08
XTFZ24L	24	.24	19/36	.026	.66	.037	.94	2.0	2.98
XTFZ22L	22	.38	19/34	.033	.84	.043	1.09	2.8	4.17
XTFZ20L	20	.62	19/32	.041	1.04	.050	1.27	4.3	6.40
XTFZ18L	18	.96	19/30	.051	1.29	.060	1.52	6.5	9.67
XTFZ16L	16	1.23	19/29	.058	1.47	.068	1.73	8.3	12.3
XTFZ14L	14	1.94	19/27	.073	1.85	.085	2.16	13.0	19
XTFZ12L	12	3.08	37/28	.090	2.29	.103	2.62	19.7	29