

TFE
 200°C and 260°C - Transit

1000 Volt
 Medium Wall

Spec. CAA1071

Scope

These TFE transit wires are intended for electrical or electronic use in applications where high temperature will be encountered. The wires have excellent resistance to thermal aging, solder iron damage, flame, and moisture. TFE also resists solvents, greases, ozone and most chemicals. These wires are easy to install

due to their small size and “slippery” surface. TFE has excellent, stable electrical characteristics with low power loss, making it ideal for high frequency applications. Both wires are medium wall thickness constructions with silver or nickel coated conductors.

Features

- High temperature rating
- Excellent low temperature characteristics
- Excellent resistance to most fluids and chemicals

Performance Standards

- Meets all requirements of MIL-W-22759/9 and /10
- Temperature rating
 Silver plated copper 200°C
 Nickel plated copper 260°C
- Low temperature rating -65°C

Construction

Conductor

Silver or nickel coated copper

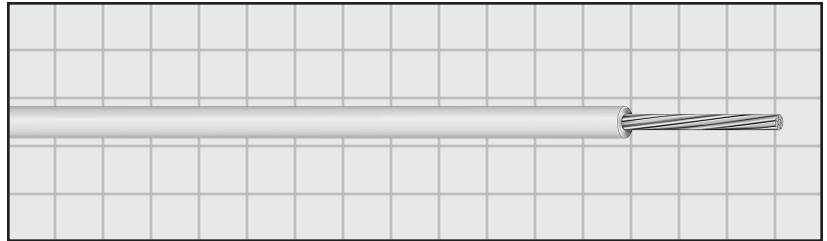
Insulation

Medium wall, extruded TFE

TFE 200°C and 260°C Transit Wire

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Product Number	Conductor Coating	Conductor Size		Stranding	Nominal Diameter		Approx. Weight	
		(AWG)	(mm ²)		(Inch)	(mm)	(#/m')	(kg/km)
Silver Coated Copper								
MTFE28S	Silver	28	.09	7/36	0.043	1.09	1.8	2.68
MTFE26S	Silver	26	.15	19/38	0.048	1.22	2.4	3.57
MTFE24S	Silver	24	.24	19/36	0.053	1.35	3.2	4.76
MTFE22S	Silver	22	.38	19/34	0.060	1.52	4.3	6.40
MTFE20S	Silver	20	.62	19/32	0.068	1.73	6.2	9.22
MTFE18S	Silver	18	.96	19/30	0.078	1.98	8.7	12.9
MTFE16S	Silver	16	1.23	19/29	0.085	2.16	10.8	16
MTFE14S	Silver	14	1.94	19/27	0.100	2.54	16.1	24
MTFE12S	Silver	12	3.08	19/25	0.120	3.05	24.2	36
MTFE10S	Silver	10	4.74	37/26	0.141	3.58	35.4	53
MTFE8S	Silver	8	8.61	133/29	0.207	5.26	67.0	100
Nickel Coated Copper								
MTFE28N	Nickel	28	.09	7/36	0.043	1.09	1.8	2.68
MTFE26N	Nickel	26	.15	19/38	0.048	1.22	2.4	3.57
MTFE24N	Nickel	24	.24	19/36	0.053	1.35	3.2	4.76
MTFE22N	Nickel	22	.38	19/34	0.060	1.52	4.3	6.40
MTFE20N	Nickel	20	.62	19/32	0.068	1.73	6.2	9.22
MTFE18N	Nickel	18	.96	19/30	0.078	1.98	8.7	12.9
MTFE16N	Nickel	16	1.23	19/29	0.085	2.16	10.8	16
MTFE14N	Nickel	14	1.94	19/27	0.100	2.54	16.1	24
MTFE12N	Nickel	12	3.08	19/25	0.120	3.05	24.2	36
MTFE10N	Nickel	10	4.74	37/26	0.141	3.58	35.4	53
MTFE8N	Nickel	8	8.61	133/29	0.207	5.26	67.0	100