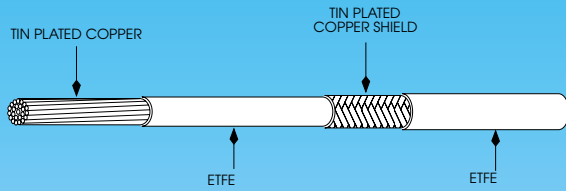
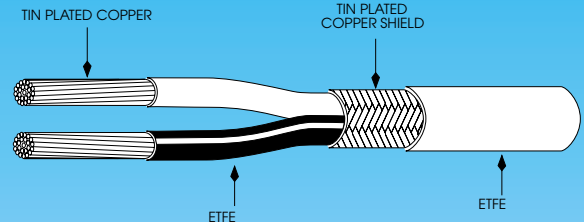


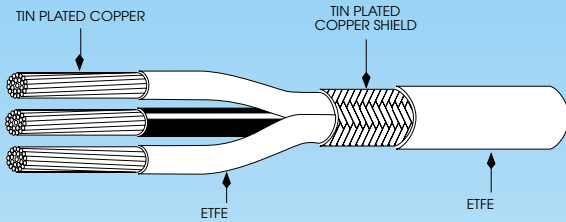
MIL-C-27500 (TE)



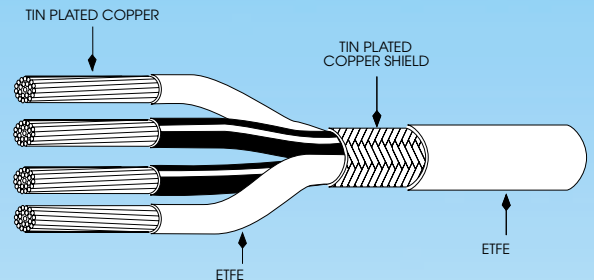
CABLE USA P/N	SIZE AWG	STRANDING AWG	O.D. OVER CONDUCTOR INCH	O.D. OVER PRIMARY INSULATION INCH	O.D. OVER SHIELDED INCH	O.D. OVER FINISHED CABLE		WEIGHT LBS./1000
						MIN INCH	MAX INCH	
M27500-24TE1114	24	19/36	.024	.045	.061	.075	.091	7.00
M27500-22TE1114	22	19/34	.031	.052	.068	.082	.098	8.65
M27500-20TE1114	20	19/32	.039	.060	.076	.090	.106	12.5
M27500-18TE1114	18	19/30	.049	.071	.087	.101	.117	16.1
M27500-16TE1114	16	19/29	.055	.079	.095	.109	.125	19.0
M27500-14TE1114	14	19/27	.069	.093	.109	.123	.139	25.7
M27500-12TE1114	12	37/28	.089	.113	.129	.143	.159	35.8



CABLE USA P/N	SIZE AWG	STRANDING AWG	O.D. OVER CONDUCTOR INCH	O.D. OVER PRIMARY INSULATION INCH	LAY INCH	O.D. OVER SHIELDED INCH	O.D. OVER FINISHED CABLE		WEIGHT LBS./1000
							MIN INCH	MAX INCH	
M27500-24TE2114	24	19/36	.024	.045	1.25	.106	.120	.136	14.8
M27500-22TE2114	22	19/34	.031	.052	1.25	.120	.134	.150	18.2
M27500-20TE2114	20	19/32	.039	.060	1.50	.136	.150	.166	23.1
M27500-18TE2114	18	19/30	.049	.071	1.75	.158	.178	.198	31.1
M27500-16TE2114	16	19/29	.055	.079	2.00	.174	.194	.214	36.8
M27500-14TE2114	14	19/27	.069	.093	2.50	.202	.222	.242	49.5
M27500-12TE2114	12	37/28	.089	.113	2.75	.242	.262	.282	69.4



CABLE USA P/N	SIZE AWG	STRANDING AWG	O.D. OVER CONDUCTOR INCH	O.D. OVER PRIMARY INSULATION INCH	LAY INCH	O.D. OVER SHIELDED INCH	O.D. OVER FINISHED CABLE		WEIGHT LBS./1000
							MIN INCH	MAX INCH	
M27500-24TE3114	24	19/36	.024	.045	1.25	.112	.126	.142	18.9
M27500-22TE3114	22	19/34	.031	.052	1.50	.128	.142	.158	23.7
M27500-20TE3114	20	19/32	.039	.060	1.75	.145	.165	.185	30.7
M27500-18TE3114	18	19/30	.049	.071	2.00	.169	.189	.209	41.7
M27500-16TE3114	16	19/29	.055	.079	2.25	.186	.206	.226	49.8
M27500-14TE3114	14	19/27	.069	.093	2.50	.216	.236	.256	68.1
M27500-12TE3114	12	37/28	.089	.113	3.00	.259	.279	.299	96.5



CABLE USA P/N	SIZE AWG	STRANDING AWG	O.D. OVER CONDUCTOR INCH	O.D. OVER PRIMARY INSULATION INCH	LAY INCH	O.D. OVER SHIELDED INCH	O.D. OVER FINISHED CABLE		WEIGHT LBS./1000
							MIN INCH	MAX INCH	
M27500-24TE4T14	24	19/36	.024	.045	1.50	.124	.138	.154	22.6
M27500-22TE4T14	22	19/34	.031	.052	1.50	.142	.156	.172	28.7
M27500-20TE4T14	20	19/32	.039	.060	2.00	.161	.181	.201	37.6
M27500-18TE4T14	18	19/30	.049	.071	2.25	.188	.208	.228	51.6
M27500-16TE4T14	16	19/29	.055	.079	2.50	.207	.227	.247	62.1
M27500-14TE4T14	14	19/27	.069	.093	3.00	.240	.260	.280	85.8
M27500-12TE4T14	12	37/28	.089	.113	3.50	.288	.308	.328	123

SPECIFICATIONS:

Construction: Voltage Rating 600V RMS, Temperature Rating -55°C to +150°C, Minimum Dielectric Strength 1500V RMS, Jacket Spark Test 1500V RMS, Heat Aging and Thermal Shock 200°C, Cold Bend Test -55°C.

Conductor: Light weight unidirectional concentric tin-coated copper.

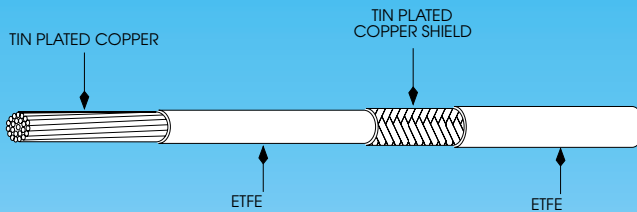
Insulation: Extruded ethylene-tetrafluoroethylene ETFE conforming to MIL-W-22759/16.

Cabling: Multi-conductors twisted with a left hand lay, standard colors solid white, white with blue stripe, white with orange stripe, or white with green stripe.

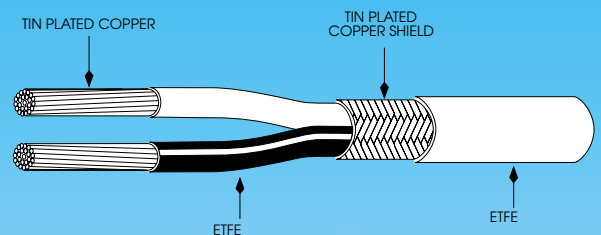
Shield: Braid of tin-coated annealed copper wire, 90% minimum coverage, a high temperature marker tape beneath the braid carrying the cable code.

Jacket: Extruded ethylene-tetrafluoroethylene ETFE, .007" minimum wall thickness for sizes 24 to 20 AWG and .010" minimum wall thickness for the larger sizes in accordance with WC-27500, standard color white.

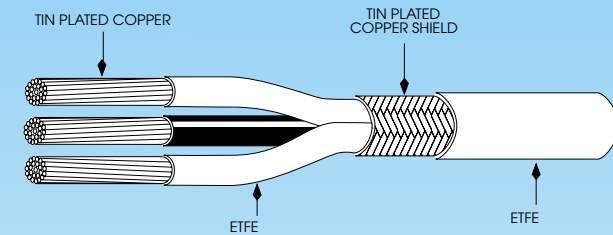
MIL-C-27500 (TG)



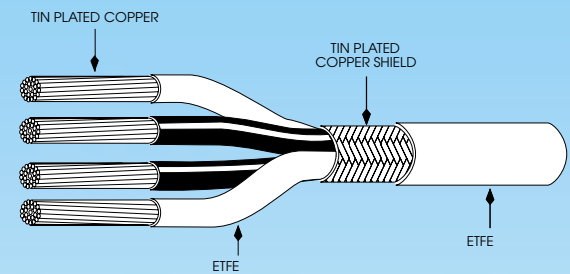
CABLE USA P/N	SIZE AWG	STRANDING AWG	O.D. OVER CONDUCTOR INCH	O.D. OVER PRIMARY INSULATION INCH	O.D. OVER SHIELDED INCH	O.D. OVER FINISHED CABLE		WEIGHT LBS./ 1000
						MIN INCH	MAX INCH	
M27500-26TG1T14	26	19/38	.020	.032	.048	.062	.078	4.98
M27500-24TG1T14	24	19/36	.024	.036	.052	.066	.084	5.88
M27500-22TG1T14	22	19/34	.031	.043	.059	.075	.091	7.47
M27500-20TG1T14	20	19/32	.039	.051	.067	.081	.097	9.71
M27500-18TG1T14	18	19/30	.049	.061	.077	.091	.107	14.4
M27500-16TG1T14	16	19/29	.055	.067	.083	.099	.115	16.9
M27500-14TG1T14	14	19/27	.069	.081	.097	.113	.129	23.0
M27500-12TG1T14	12	37/28	.089	.103	.119	.135	.151	33.0



CABLE USA P/N	SIZE AWG	STRANDING AWG	O.D. OVER CONDUCTOR INCH	O.D. OVER PRIMARY INSULATION INCH	LAY INCH	O.D. OVER SHIELDED INCH	O.D. OVER FINISHED CABLE		WEIGHT LBS./ 1000
							MIN INCH	MAX INCH	
M27500-26TG2T14	26	19/38	.020	.032	1.00	.080	.094	.110	10.1
M27500-24TG2T14	24	19/36	.024	.036	1.00	.088	.102	.118	12.1
M27500-22TG2T14	22	19/34	.031	.043	1.25	.112	.126	.142	15.4
M27500-20TG2T14	20	19/32	.039	.051	1.50	.118	.132	.148	20.3
M27500-18TG2T14	18	19/30	.049	.061	1.50	.138	.154	.170	27.6
M27500-16TG2T14	16	19/29	.055	.067	1.75	.150	.166	.182	32.5
M27500-14TG2T14	14	19/27	.069	.081	2.25	.178	.198	.218	44.8
M27500-12TG2T14	12	37/28	.089	.103	2.50	.222	.242	.262	64.5



CABLE USA P/N	SIZE AWG	STRANDING AWG	O.D. OVER CONDUCTOR INCH	O.D. OVER PRIMARY INSULATION INCH	LAY INCH	O.D. OVER SHIELDED INCH	O.D. OVER FINISHED CABLE		WEIGHT LBS./ 1000
							MIN INCH	MAX INCH	
M27500-26TG3T14	26	19/38	.020	.032	1.00	.085	.099	.115	12.8
M27500-24TG3T14	24	19/36	.024	.036	1.00	.094	.108	.124	15.4
M27500-22TG3T14	22	19/34	.031	.043	1.25	.109	.123	.139	20.0
M27500-20TG3T14	20	19/32	.039	.051	1.50	.126	.140	.156	26.9
M27500-18TG3T14	18	19/30	.049	.061	1.50	.148	.162	.178	38.8
M27500-16TG3T14	16	19/29	.055	.067	2.00	.160	.180	.200	44.1
M27500-14TG3T14	14	19/27	.069	.081	2.50	.190	.210	.230	61.7
M27500-12TG3T14	12	37/28	.089	.103	3.00	.238	.258	.278	89.9



CABLE USA P/N	SIZE AWG	STRANDING AWG	O.D. OVER CONDUCTOR INCH	O.D. OVER PRIMARY INSULATION INCH	LAY INCH	O.D. OVER SHIELDED INCH	O.D. OVER FINISHED CABLE		WEIGHT LBS./ 1000
							MIN INCH	MAX INCH	
M27500-26TG4T14	26	19/38	.020	.032	1.00	.093	.107	.123	15.1
M27500-24TG4T14	24	19/36	.024	.036	1.25	.103	.117	.133	18.4
M27500-22TG4T14	22	19/34	.031	.043	1.25	.120	.134	.150	24.3
M27500-20TG4T14	20	19/32	.039	.051	1.50	.139	.153	.169	33.8
M27500-18TG4T14	18	19/30	.049	.061	2.00	.163	.183	.203	45.8
M27500-16TG4T14	16	19/29	.055	.067	2.00	.178	.198	.218	55.0
M27500-14TG4T14	14	19/27	.069	.081	2.50	.212	.232	.252	77.8
M27500-12TG4T14	12	37/28	.089	.103	3.25	.264	.284	.304	114

SPECIFICATIONS:

- Construction:** Voltage Rating 600V RMS, Temperature Rating -55°C to +150°C, Minimum Dielectric Strength 1500V RMS, Jacket Spark Test 1500V RMS, Heat Aging and Thermal Shock 200°C, Cold Bend Test -55°C.
- Conductor:** Light weight unidirectional concentric tin-coated copper.
- Insulation:** Extruded ethylene-tetrafluoroethylene ETFE, conforming to MIL-W-22759/18.
- Cabling:** Multi-conductors twisted with a left hand lay, standard colors solid white, white with blue stripe, white with orange stripe, or white with green stripe.
- Shield:** Braid of AWG tin-coated annealed copper wire, 90% minimum coverage, a high temperature marker tape beneath the braid carrying the cable code.
- Jacket:** Extruded ethylene-tetrafluoroethylene ETFE, .007" minimum wall thickness for sizes 26 to 20 AWG and .010" minimum wall thickness for the larger sizes in accordance with WC-27500, standard color white.