

M22759 軍規電線

原始是規劃給空用設備線材所使用的規範，產品種類廣泛齊全。因此您可以選擇最符合您要求的電線類型。佳昭公司提供的高性能線能滿足您小尺寸，耐高溫，低重量和低火焰的要求。所有軍規產品設計都考慮到需要保護環境因素。M22759 軍規線設計用於惡劣環境和極端條件。使它們可以用於軍事和航空航天領域。

M22759 軍規線多為機身使用設計，是惡劣環境的理想選擇。除了具有各種尺寸，重量，額定電壓和額定溫度的可用性外，所有機身導線都配有不同的導體和絕緣體，還可以選擇薄壁絕緣，中厚型或標準厚度型絕緣。為了識別目的，M22759 軍規電線還具有絕緣層上的打印功能，綠色印刷用於白色絕緣，白色用於所有其他顏色打印。

M22759 軍規導線是一種氟聚合物絕緣單芯導線，適用於各種軍用航空應用。

可承載高達 1000 伏特，能夠在 -55°C 至 260°C (-67°F 至 500°F) 的極端溫度範圍內工作。可選擇鍍有錫，銀，鍍鎳銅或高強度銅合金的導體。也提供各種絕緣材料選擇，以滿足您的需求。

M22759 電線提供的一些特色是：

良好的熱穩定性、高可靠性、高斷裂強度和柔韌性、高耐磨性。

M22759 電線的尺寸從 30 到 0000 AWG。

(請參考佳昭公司提供完整的附件列表：)

SPHSCA 代表鍍銀高強度銅合金，NPHSCA 代表鍍鎳高強度銅合金。

佳昭公司是一家富有經驗與專業的分銷商，除了能及時的服務外，並且能提供您在您需求的規格下做精確的產品選擇。

若您需要更詳細的規格資料或報價，請洽佳昭公司。

軍規型號	導體 (AWG)	導體鍍層	電壓	耐溫	絕緣層	於 M27500 電纜代號
M22759/1	22-04	Silver	600	200°C	PTFE and PTFE Coated Glass	EA
M22759/2	22-04	Nickel	600	260°C	PTFE and PTFE Coated Glass	E
M22759/3	22-02	Nickel	600	260°C	TFE Glass TFE	RA
M22759/4	22-02	Silver	600	200°C	TFE-Glass-FEP	RB
M22759/5	24-4	Silver	600	200°C	Abrasion Resistant Mineral Filled TFE	VA
M22759/6	24-4	Nickel	600	260°C	Abrasion Resistant Mineral Filled TFE	WA
M22759/7	24-4	Silver	600	200°C	Abrasion Resistant Mineral Filled TFE	SA
M22759/8	24-4	Nickel	600	260°C	Abrasion Resistant Mineral Filled TFE	TA
M22759/9	28-8	Silver	1000	200°C	Extruded TFE	LE



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M22759/10	28-8	Nickel	1000	260°C	Extruded TFE	LH
M22759/11	28-8	Silver	600	200°C	Extruded TFE	RC
M22759/12	28-8	Nickel	600	260°C	Extruded TFE	RE
M22759/13	24-01	Tin	600	135°C	FEP-PVF2	CA
M22759/14	26-12	Tin	600	135°C	FEP-PVF2	CB
M22759/15	26-20	SPHSCA	600	135°C	FEP-PVF2	CC
M22759/16	24-02	Tin	600	150°C	Extruded ETFE	TE
M22759/17	26-20	SPHSCA	600	150°C	Extruded ETFE	TF
M22759/18	26-10	Tin	600	150°C	Extruded ETFE	TG
M22759/19	26-20	SPHSCA	600	150°C	Extruded ETFE	TH
M22759/20	28-20	SPHSCA	1000	200°C	Extruded TFE	TK
M22759/21	28-20	NPHSCA	1000	260°C	Extruded TFE	TL
M22759/22	28-20	SPHSCA	600	200°C	Extruded TFE	TM
M22759/23	28-20	NPHSCA	600	260°C	Extruded TFE	TN
M22759/28	28-8	Silver	600	200°C	Extruded TFE with Polyimide Coating	JB
M22759/29	28-8	Nickel	600	260°C	Extruded TFE with Polyimide Coating	JC
M22759/30	28-20	SPHSCA	600	200°C	Extruded TFE with Polyimide Coating	JD
M22759/31	28-20	NPHSCA	600	260°C	Extruded TFE with Polyimide Coating	JE
M22759/32	30-12	Tin	600	150°C	Cross linked Modified ETFE	SB
M22759/33	30-20	SPHSCA	600	200°C	Cross linked Modified ETFE	SC
M22759/34	24-02	Tin	600	150°C	Cross linked Modified ETFE	SD
M22759/35	26-20	SPHSCA	600	200°C	Cross linked Modified ETFE	SE
M22759/41	26-02	Nickel	600	200°C	Cross linked Modified ETFE	SM
M22759/42	26-20	NPHSCA	600	200°C	Cross linked Modified ETFE	SN
M22759/43	26-02	Silver	600	200°C	Cross linked Modified ETFE	SP
M22759/44	28-12	Silver	600	200°C	Cross linked Modified ETFE	SR
M22759/45	28-12	Nickel	600	200°C	Cross linked Modified ETFE	SS
M22759/46	28-20	NPHSCA	600	200°C	Cross linked Modified ETFE	ST



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M22759/80	26-10	Tin	600	150°C	PTFE/Polyimide	WB
M22759/81	26-20	Silver	600	200°C	PTFE/Polyimide	WC
M22759/82	26-20	NPHSCA	600	260°C	PTFE/Polyimide	WE
M22759/83	8-04	Silver	600	200°C	PTFE/Polyimide	WF
M22759/84	8-04	Nickel	600	260°C	PTFE/Polyimide	WG
M22759/85	8-04	Tin	600	150°C	PTFE/Polyimide	WH
M22759/86	26-04	Silver	600	200°C	PTFE/Polyimide	WJ
M22759/87	26-04	Nickel	600	260°C	PTFE/Polyimide	WK
M22759/88	26-04	Tin	600	150°C	PTFE/Polyimide	WL
M22759/89	26-20	SPHSCA	600	200°C	PTFE/Polyimide	WM
M22759/90	26-20	NPHSCA	600	260°C	PTFE/Polyimide	WN
M22759/91	26-10	Silver	600	200°C	PTFE/Polyimide	WP
M22759/92	26-10	Nickel	600	260°C	PTFE/Polyimide	WR
M22759/180	26-10	Tin	600	150°C	PTFE/Polyimide with Seamless PTFE tape	DB
M22759/181	26-20	Silver	600	200°C	PTFE/Polyimide with Seamless PTFE tape	DC
M22759/182	26-20	NPHSCA	600	260°C	PTFE/Polyimide with Seamless PTFE tape	DE
M22759/183	8-04	Silver	600	200°C	PTFE/Polyimide with Seamless PTFE tape	DF
M22759/184	8-04	Nickel	600	260°C	PTFE/Polyimide with Seamless PTFE tape	DG
M22759/185	8-04	Tin	600	150°C	PTFE/Polyimide with Seamless PTFE tape	DH
M22759/186	26-04	Silver	600	200°C	PTFE/Polyimide with Seamless PTFE tape	DJ
M22759/187	26-04	Nickel	600	260°C	PTFE/Polyimide with Seamless PTFE tape	DK
M22759/188	26-04	Tin	600	150°C	PTFE/Polyimide with Seamless PTFE tape	DL
M22759/189	26-20	SPHSCA	600	200°C	PTFE/Polyimide with Seamless PTFE tape	DM
M22759/190	26-20	NPHSCA	600	260°C	PTFE/Polyimide with Seamless PTFE tape	DN
M22759/191	26-10	Silver	600	200°C	PTFE/Polyimide with Seamless PTFE tape	DP
M22759/192	26-10	Nickel	600	260°C	PTFE/Polyimide with Seamless PTFE tape	DR



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**PTFE Insulation/PTFE-Coated Glass Tape
PTFE-Coated Fiberglass Braid
Hook-up Wire**



DIMENSIONAL ANALYSIS

Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M22759/1-22-X	22	19/34	27	.084	7.5
M22759/1-20-X	20	19/32	28	.094	9.5
M22759/1-18-X	18	19/30	29	.105	13
M22759/1-16-X	16	19/29	34	.120	17
M22759/1-14-X	14	19/27	36	.138	23
M22759/1-12-X	12	37/28	36	.157	32
M22759/1-10-X	10	37/26	36	.181	47
M22759/1-8-X	8	133/29	44	.248	82
M22759/1-6-X	6	133/27	46	.293	122
M22759/1-4-X	4	133/25	50	.355	180

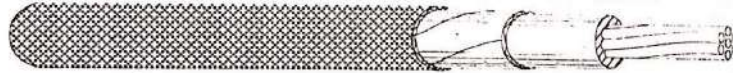
1) The X in this column shall be replaced by color code.



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**PTFE Insulation/PTFE-Coated Glass Tape
PTFE-Coated Fiberglass Braid
Hook-up Wire**



DIMENSIONAL ANALYSIS

Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M22759/2-22-X	22	19/34	27	.084	7.5
M22759/2-20-X	20	19/32	28	.094	9.5
M22759/2-18-X	18	19/30	29	.105	13
M22759/2-16-X	16	19/29	34	.120	17
M22759/2-14-X	14	19/27	36	.138	23
M22759/2-12-X	12	37/28	36	.157	32
M22759/2-10-X	10	37/26	36	.181	47
M22759/2-8-X	8	133/29	43	.248	82
M22759/2-6-X	6	133/27	45	.293	122
M22759/2-4-X	4	133/25	50	.355	180

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PTFE Insulation/PTFE-Coated Fiberglass Braid

PTFE Jacket

Hook-up Wire



DIMENSIONAL ANALYSIS

Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Jkt. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M22759/3-22-X	22	19/34	13	9	.074	5.9
M22759/3-20-X	20	19/32	13	9	.082	7.9
M22759/3-18-X	18	19/30	14	10	.095	11
M22759/3-16-X	16	19/29	15	10	.103	14
M22759/3-14-X	14	19/27	15	10	.116	19
M22759/3-12-X	12	37/28	14	10	.133	27
M22759/3-10-X	10	37/26	17	10	.164	42
M22759/3-8-X	8	133/29	27	10	.235	77
M22759/3-6-X	6	133/27	30	10	.282	115
M22759/3-4-X	4	133/25	36	12	.351	184

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**PTFE Insulation/PTFE-Coated Fiberglass Braid
Clear FEP Jacket
Hook-up Wire**



DIMENSIONAL ANALYSIS

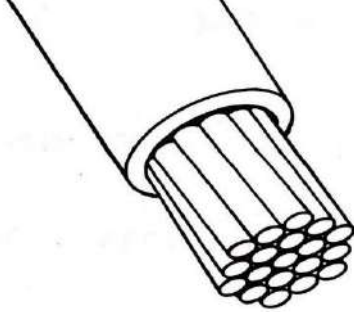
Military Part No. ¹	Size (AWG)	Stranding (No./AWG)	Insul. Wall (mils)	Jkt. Wall (mils)	Nom. O.D. (inches)	Approx. Weight (lbs./1000ft.)
M22759/4-22-X	22	19/34	13	9	.074	5.9
M22759/4-20-X	20	19/32	13	9	.082	7.9
M22759/4-18-X	18	19/30	14	10	.095	11
M22759/4-16-X	16	19/29	15	10	.103	14
M22759/4-14-X	14	19/27	15	10	.116	19
M22759/4-12-X	12	37/28	15	10	.133	27
M22759/4-10-X	10	37/26	18	10	.164	42
M22759/4-8-X	8	133/29	28	10	.235	77
M22759/4-6-X	6	133/27	30	10	.282	115
M22759/4-4-X	4	133/25	36	12	.351	184

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MIL-W-22759
MINERAL FILLED PTFE INSULATED WIRE
ABRASION RESISTANT

Military Part Number	AWG	Stranding	Diameter of Stranded Conductor (inches)		Finished Wire		
			(min)	(max)	Resistance at 20°C (68°F) (ohms/1000 ft) (max)	Diameter (inches)	Weight (lbs/1000 ft) (max)
NORMAL WEIGHT: 200°C 600V							
MIL-W-22759/5 SILVER PLATED COPPER CONDUCTOR							
M22759/5-24-*	24	19 x 36	.023	.025	24.30	.075 ± .005	6.0
M22759/5-22-*	22	19 x 34	.029	.032	15.10	.085 ± .005	8.0
M22759/5-20-*	20	19 x 32	.037	.040	9.19	.095 ± .005	10.0
M22759/5-18-*	18	19 x 30	.046	.050	5.79	.110 ± .005	14.0
M22759/5-16-*	16	19 x 29	.052	.057	4.52	.125 ± .005	18.0
M22759/5-14-*	14	19 x 27	.065	.072	2.88	.143 ± .007	25.0
M22759/5-12-*	12	19 x 25	.082	.090	1.81	.160 ± .007	34.5
M22759/5-10-*	10	37 x 26	.106	.112	1.19	.179 ± .007	48.0
NORMAL WEIGHT: 260°C 600V							
MIL-W-22759/6 NICKEL PLATED COPPER CONDUCTOR							
M22759/6-24-*	24	19 x 36	.023	.026	25.90	.075 ± .005	6.0
M22759/6-22-*	22	19 x 34	.029	.033	16.00	.085 ± .005	8.0
M22759/6-20-*	20	19 x 32	.037	.041	9.77	.095 ± .005	10.0
M22759/6-18-*	18	19 x 30	.046	.051	6.10	.110 ± .005	14.0
M22759/6-16-*	16	19 x 29	.052	.058	4.76	.125 ± .005	18.0
M22759/6-14-*	14	19 x 27	.065	.073	3.00	.143 ± .007	25.0
M22759/6-12-*	12	19 x 25	.082	.092	1.89	.160 ± .007	34.5
M22759/6-10-*	10	37 x 26	.106	.114	1.24	.179 ± .007	48.0
MEDIUM WEIGHT: 200°C 600V							
MIL-W-22759/7 SILVER PLATED COPPER CONDUCTOR							
M22759/7-24-*	24	19 x 36	.023	.025	24.30	.062 ± .002	4.3
M22759/7-22-*	22	19 x 34	.029	.032	15.10	.073 ± .002	6.0
M22759/7-20-*	20	19 x 32	.037	.040	9.19	.082 ± .002	8.1
M22759/7-18-*	18	19 x 30	.046	.050	5.79	.092 ± .002	11.0
M22759/7-16-*	16	19 x 29	.052	.057	4.52	.102 ± .003	13.8
M22759/7-14-*	14	19 x 27	.065	.072	2.88	.115 ± .003	18.6
M22759/7-12-*	12	19 x 25	.082	.090	1.81	.134 ± .003	28.5
M22759/7-10-*	10	37 x 26	.106	.112	1.19	.158 ± .003	42.0
MEDIUM WEIGHT: 260°C 600V							
MIL-W-22759/8 NICKEL PLATED COPPER CONDUCTOR							
M22759/7-24-*	24	19 x 36	.023	.026	25.90	.062 ± .002	4.3
M22759/7-22-*	22	19 x 34	.029	.033	16.00	.073 ± .002	6.0
M22759/7-20-*	20	19 x 32	.037	.041	9.77	.082 ± .002	8.1
M22759/7-18-*	18	19 x 30	.046	.051	6.10	.092 ± .002	11.0
M22759/7-16-*	16	19 x 29	.052	.058	4.76	.102 ± .003	13.8
M22759/7-14-*	14	19 x 27	.065	.073	3.00	.115 ± .003	18.6
M22759/7-12-*	12	19 x 25	.082	.092	1.89	.134 ± .003	28.5
M22759/7-10-*	10	37 x 26	.106	.114	1.24	.158 ± .003	42.0



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MIL-W-22759

PTFE INSULATED WIRE

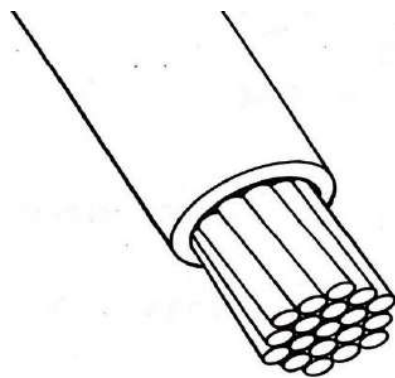
Military Part Number	AWG	Stranding	Diameter of Stranded Conductor (inches)		Finished Wire		
			(min)	(max)	Resistance at 20°C (68°F) (ohms/1000 ft) (max)	Diameter (inches)	Weight (lbs/1000 ft) (max)
NORMAL WEIGHT: 200°C 1000V							
MIL-W-22759/9 SILVER PLATED COPPER CONDUCTOR							
M22759/9-28-*	28	7 x 36	.014	.015	63.80	.043 ± .002	1.90
M22759/9-26-*	26	19 x 38	.018	.020	38.40	.048 ± .002	2.57
M22759/9-24-*	24	19 x 36	.023	.025	24.30	.053 ± .002	3.33
M22759/9-22-*	22	19 x 34	.029	.032	15.10	.060 ± .002	4.60
M22759/9-20-*	20	19 x 32	.037	.040	9.19	.068 ± .002	6.40
M22759/9-18-*	18	19 x 30	.046	.050	5.79	.078 ± .002	9.10
M22759/9-16-*	16	19 x 29	.052	.057	4.52	.085 ± .002	11.00
M22759/9-14-*	14	19 x 27	.065	.072	2.88	.100 ± .003	16.40
M22759/9-12-*	12	19 x 25	.082	.090	1.81	.120 ± .004	25.30
M22759/9-10-*	10	37 x 26	.106	.112	1.19	.141 ± .004	38.20
NORMAL WEIGHT: 260°C 1000V							
MIL-W-22759/10 NICKEL PLATED COPPER CONDUCTOR							
M22759/10-28-*	28	7 x 36	.014	.016	67.90	.043 ± .002	1.90
M22759/10-26-*	26	19 x 38	.018	.021	42.20	.048 ± .002	2.57
M22759/10-24-*	24	19 x 36	.023	.026	25.90	.053 ± .002	3.33
M22759/10-22-*	22	19 x 34	.029	.032	16.00	.060 ± .002	4.60
M22759/10-20-*	20	19 x 32	.037	.041	9.77	.068 ± .002	6.40
M22759/10-18-*	18	19 x 30	.046	.051	6.10	.078 ± .002	9.10
M22759/10-16-*	16	19 x 29	.052	.058	4.76	.085 ± .002	11.00
M22759/10-14-*	14	19 x 27	.065	.073	3.00	.100 ± .003	16.40
M22759/10-12-*	12	19 x 25	.082	.092	1.89	.120 ± .004	25.30
M22759/10-10-*	10	37 x 26	.106	.114	1.24	.141 ± .004	38.20
MEDIUM WEIGHT: 200°C 600V							
MIL-W-22759/11 SILVER PLATED COPPER CONDUCTOR							
M22759/11-28-*	28	7 x 36	.014	.015	63.80	.033 ± .002	1.36
M22759/11-26-*	26	19 x 38	.018	.020	38.40	.038 ± .002	1.90
M22759/11-24-*	24	19 x 36	.023	.025	24.30	.043 ± .002	2.58
M22759/11-22-*	22	19 x 34	.029	.032	15.10	.049 ± .002	3.72
M22759/11-20-*	20	19 x 32	.037	.040	9.19	.058 ± .002	5.43
M22759/11-18-*	18	19 x 30	.046	.050	5.79	.068 ± .002	8.14
M22759/11-16-*	16	19 x 29	.052	.057	4.52	.075 ± .002	10.00
M22759/11-14-*	14	19 x 27	.065	.072	2.88	.090 ± .003	15.10
M22759/11-12-*	12	19 x 25	.082	.090	1.81	.111 ± .004	24.10
M22759/11-10-*	10	37 x 26	.106	.112	1.19	.139 ± .004	37.80
MEDIUM WEIGHT: 260°C 600V							
MIL-W-22759/12 NICKEL PLATED COPPER CONDUCTOR							
M22759/12-28-*	28	7 x 36	.014	.016	67.90	.033 ± .002	1.36
M22759/12-26-*	26	19 x 38	.018	.021	42.20	.038 ± .002	1.90
M22759/12-24-*	24	19 x 36	.023	.026	25.90	.043 ± .002	2.58
M22759/12-22-*	22	19 x 34	.029	.032	16.00	.049 ± .002	3.72
M22759/12-20-*	20	19 x 32	.037	.041	9.77	.058 ± .002	5.43
M22759/12-18-*	18	19 x 30	.046	.051	6.10	.068 ± .002	8.14
M22759/12-16-*	16	19 x 29	.052	.058	4.76	.075 ± .002	10.00
M22759/12-14-*	14	19 x 27	.065	.073	3.00	.090 ± .003	15.60
M22759/12-12-*	12	19 x 25	.082	.092	1.89	.111 ± .004	24.40
M22759/12-10-*	10	37 x 26	.106	.114	1.24	.139 ± .004	39.00



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MIL-W-22759
ETFE INSULATED WIRE
150°C 600V

Military Part Number	AWG	Stranding	Max. Diameter Of Stranded Conductor (inches)	Finished Wire		
				Max. Resistance at 20°C (68°F) (ohms/1000 ft)	Diameter (inches)	Maximum Weight (lbs/1000 ft)
MEDIUM WEIGHT						
MIL-W-22759/16 TIN COATED COPPER CONDUCTOR						
M22759/16-24-*	24	19 x 36	.024	26.200	.045 ± .002	2.57
M22759/16-22-*	22	19 x 34	.031	16.200	.052 ± .002	3.68
M22759/16-20-*	20	19 x 32	.039	9.880	.060 ± .002	5.36
M22759/16-18-*	18	19 x 30	.049	6.230	.071 ± .002	7.89
M22759/16-16-*	16	19 x 29	.055	4.810	.079 ± .002	9.95
M22759/16-14-*	14	19 x 27	.069	3.060	.093 ± .002	14.90
M22759/16-12-*	12	37 x 28	.089	2.020	.114 ± .003	22.60
M22759/16-10-*	10	37 x 26	.112	1.260	.139 ± .003	35.10
M22759/16-8-*	8	133 x 29	.169	.701	.199 ± .003	63.50
M22759/16-6-*	6	133 x 27	.212	.445	.250 ± .003	99.90
M22759/16-4-*	4	133 x 25	.268	.280	.312 ± .004	157.00
M22759/16-2-*	2	665 x 30	.340	.183	.388 ± .004	245.00
M22759/16-1-*	1	817 x 30	.380	.149	.431 ± .005	314.00
M22759/16-01-*	0	1045 x 30	.425	.116	.479 ± .006	391.00
M22759/16-02-*	00	1330 x 30	.275	.091	.546 ± .007	504.00
MEDIUM WEIGHT						
MIL-W-22759/17 SILVER PLATED ALLOY CONDUCTOR						
M22759/17-26-*	26	19 x 38	.020	44.8	.040 ± .002	1.76
M22759/17-24-*	24	19 x 36	.024	28.4	.045 ± .002	2.43
M22759/17-22-*	22	19 x 34	.031	17.5	.052 ± .002	3.50
M22759/17-20-*	20	19 x 32	.039	10.7	.060 ± .002	5.14
LIGHT WEIGHT						
MIL-W-22759/18 TIN COATED COPPER CONDUCTOR						
M22759/18-26-*	26	19 x 38	.020	41.30	.032 ± .002	1.52
M22759/18-24-*	24	19 x 36	.024	26.20	.036 ± .002	2.12
M22759/18-22-*	22	19 x 34	.031	16.20	.043 ± .002	3.16
M22759/18-20-*	20	19 x 32	.039	9.88	.051 ± .002	4.76
M22759/18-18-*	18	19 x 30	.049	6.23	.061 ± .002	7.10
M22759/18-16-*	16	19 x 29	.055	4.81	.070 ± .002	9.14
M22759/18-14-*	14	19 x 27	.069	3.06	.085 ± .002	14.10
M22759/18-12-*	12	37 x 28	.089	2.02	.107 ± .003	21.60
M22759/18-10-*	10	37 x 26	.112	1.26	.134 ± .003	34.10
LIGHT WEIGHT						
MIL-W-22759/19 SILVER PLATED ALLOY CONDUCTOR						
M22759/19-26-*	26	19 x 38	.020	44.8	.032 ± .002	1.41
M22759/19-24-*	24	19 x 36	.024	28.4	.036 ± .002	1.99
M22759/19-22-*	22	19 x 34	.031	17.5	.043 ± .002	2.98
M22759/19-20-*	20	19 x 32	.039	10.7	.051 ± .002	4.59



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MIL-W-22759

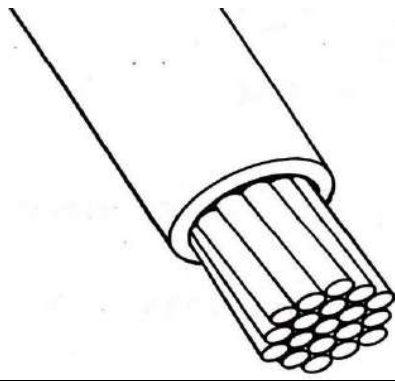
PTFE INSULATED WIRE

Military Part Number	AWG	Stranding	Diameter of Stranded Conductor (inches)		Finished Wire		
			(min)	(max)	Resistance at 20°C (68°F) (ohms/1000 ft) (max)	Diameter (inches)	Weight (lbs/1000 ft) (max)
NORMAL WEIGHT: 200°C 1000V							
MIL-W-22759/20 SILVER PLATED ALLOY CONDUCTOR							
M22759/20-28-*	28	7 x 36	.014	.015	74.4	.043 ± .002	1.91
M22759/20-26-*	26	19 x 38	.018	.020	44.8	.048 ± .002	2.57
M22759/20-24-*	24	19 x 36	.023	.024	28.4	.053 ± .002	3.35
M22759/20-22-*	22	19 x 34	.029	.031	17.5	.060 ± .002	4.59
M22759/20-20-*	20	19 x 32	.037	.039	10.7	.068 ± .002	6.41
NORMAL WEIGHT: 260°C 1000V							
MIL-W-22759/21 NICKEL PLATED ALLOY CONDUCTOR							
M22759/21-28-*	28	7 x 36	.014	.016	79.0	.043 ± .002	1.93
M22759/21-26-*	26	19 x 38	.018	.020	49.4	.048 ± .002	2.60
M22759/21-24-*	24	19 x 36	.023	.025	30.1	.053 ± .002	3.38
M22759/21-22-*	22	19 x 34	.029	.031	18.6	.060 ± .002	4.61
M22759/21-20-*	20	19 x 32	.037	.040	11.4	.068 ± .002	6.43
MEDIUM WEIGHT: 200°C 600V							
MIL-W-22759/22 SILVER PLATED ALLOY CONDUCTOR							
M22759/22-28-*	28	7 x 36	.014	.015	74.4	.033 ± .002	1.32
M22759/22-26-*	26	19 x 38	.018	.020	44.8	.038 ± .002	1.91
M22759/22-24-*	24	19 x 36	.023	.024	28.4	.043 ± .002	2.61
M22759/22-22-*	22	19 x 34	.029	.031	17.5	.049 ± .002	3.68
M22759/22-20-*	20	19 x 32	.037	.039	10.7	.058 ± .002	5.38
MEDIUM WEIGHT: 260°C 600V							
MIL-W-22759/23 NICKEL PLATED ALLOY CONDUCTOR							
M22759/22-28-*	28	7 x 36	.014	.016	79.0	.033 ± .002	1.34
M22759/22-26-*	26	19 x 38	.018	.020	49.4	.038 ± .002	1.92
M22759/22-24-*	24	19 x 36	.023	.025	30.1	.043 ± .002	2.63
M22759/22-22-*	22	19 x 34	.029	.031	18.6	.049 ± .002	3.73
M22759/22-20-*	20	19 x 32	.037	.040	11.4	.058 ± .002	5.44



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MIL-W-22759
CROSS-LINKED ETFE INSULATED WIRE
150°C 600V

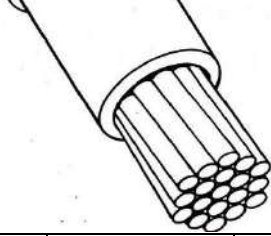
Military Part Number	AWG	Stranding	Diameter of Stranded Conductor (inches)		Finished Wire		
			(min)	(max)	Resistance at 20°C (68°F) (ohms/1000 ft) (max)	Diameter (inches)	Weight (lbs/1000 ft) (max)
LIGHT WEIGHT							
MIL-W-22759/32 TIN COATED COPPER CONDUCTOR							
M22759/32-30-*	30	7 x 38	.011	.013	108.40	.024 ± .002	.66
M22759/32-28-*	28	7 x 36	.014	.016	68.60	.027 ± .002	.91
M22759/32-26-*	26	19 x 38	.018	.021	41.30	.032 ± .002	1.40
M22759/32-24-*	24	19 x 36	.023	.026	26.20	.037 ± .002	2.00
M22759/32-22-*	22	19 x 34	.029	.033	16.20	.043 ± .002	2.80
M22759/32-20-*	20	19 x 32	.037	.041	9.88	.050 ± .002	4.30
M22759/32-18-*	18	19 x 30	.046	.051	6.23	.060 ± .002	6.50
M22759/32-16-*	16	19 x 29	.052	.058	4.81	.068 ± .002	8.30
M22759/32-14-*	14	19 x 27	.065	.073	3.06	.085 ± .003	13.00
M22759/32-12-*	12	37 x 28	.084	.090	2.02	.103 ± .003	19.70
LIGHT WEIGHT							
MIL-W-22759/33 SILVER PLATED \HIGH STRENGTH COPPER ALLOY							
M22759/33-30-*	30	7 x 38	.011	.012	117.4	.024 ± .002	.66
M22759/33-28-*	28	7 x 36	.014	.015	74.4	.027 ± .002	.91
M22759/33-26-*	26	19 x 38	.018	.020	44.8	.032 ± .002	1.40
M22759/33-24-*	24	19 x 36	.023	.025	28.4	.037 ± .002	2.00
M22759/33-22-*	22	19 x 34	.029	.032	17.5	.043 ± .002	2.90
M22759/33-20-*	20	19 x 32	.037	.040	10.7	.050 ± .002	4.40



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MIL-W-22759

CROSS-LINKED ETFE INSULATED WIRE

Military Part Number	AWG	Stranding	Diameter of Stranded Conductor (inches)		Finished Wire		
			(min)	(max)	Resistance at 20°C (68°F) (ohms/1000 ft) (max)	Diameter (inches)	Weight (lbs/1000 ft) (max)
NORMAL WEIGHT: 150°C 600V							
MIL-W-22759/34 TIN COATED COPPER CONDUCTOR							
M22759/34-24-*	24	19 x 36	.023	.026	26.200	.045 ± .002	2.3
M22759/34-22-*	22	19 x 34	.029	.033	16.200	.050 ± .002	3.2
M22759/34-20-*	20	19 x 32	.037	.041	9.880	.058 ± .002	4.7
M22759/34-18-*	18	19 x 30	.046	.051	6.230	.070 ± .003	7.2
M22759/34-16-*	16	19 x 29	.052	.058	4.810	.077 ± .003	9.0
M22759/34-14-*	14	19 x 27	.065	.073	3.060	.094 ± .003	13.8
M22759/34-12-*	12	37 x 28	.084	.090	2.020	.111 ± .003	20.5
M22759/34-10-*	10	37 x 26	.106	.114	1.260	.134 ± .004	32.4
M22759/34- 8-*	8	133 x 29	.158	.169	.701	.195 ± .008	60.3
M22759/34- 6-*	6	133 x 27	.198	.213	.445	.241 ± .010	94.5
M22759/34- 4-*	4	133 x 25	.250	.268	.280	.310 ± .010	150.0
M22759/34- 2-*	2	665 x 30	.320	.340	.183	.405 ± .016	239.0
M22759/34- 1-*	1	817 x 30	.360	.380	.149	.445 ± .016	290.0
M22759/34-01-*	0	1045 x 30	.395	.425	.116	.485 ± .016	377.0
M22759/34-02-*	00	1330 x 30	.440	.475	.091	.545 ± .016	487.0
NORMAL WEIGHT: 200°C 600V							
MIL-W-22759/35 SILVER PLATED HIGH STRENGTH COPPER ALLOY							
M22759/35-26-*	26	19 x 38	.018	.020	44.8	.040 ± .002	1.7
M22759/35-24-*	24	19 x 36	.023	.025	28.4	.045 ± .002	2.3
M22759/35-22-*	22	19 x 34	.029	.032	17.5	.050 ± .002	3.3
M22759/35-20-*	20	19 x 32	.037	.040	10.7	.058 ± .002	4.8
NORMAL WEIGHT: 200°C 600V							
MIL-W-22759/41 NICKEL COATED COPPER CONDUCTOR							
M22759/41-26-*	26	19 x 38	.018	.021	42.20	.040 ± .002	1.7
M22759/41-24-*	24	19 x 36	.023	.026	25.90	.045 ± .002	2.3
M22759/41-22-*	22	19 x 34	.029	.033	16.00	.050 ± .002	3.2
M22759/41-20-*	20	19 x 32	.037	.041	9.77	.058 ± .002	4.7
M22759/41-18-*	18	19 x 30	.046	.051	6.10	.070 ± .003	7.2
M22759/41-16-*	16	19 x 29	.052	.058	4.76	.077 ± .003	9.0
M22759/41-14-*	14	19 x 27	.065	.073	3.00	.094 ± .003	13.8
M22759/41-12-*	12	37 x 28	.084	.090	1.98	.111 ± .003	20.5
M22759/41- 10-*	10	37 x 26	.106	.114	1.24	.134 ± .004	32.4
M22759/41- 8-*	8	133 x 29	.158	.169	.694	.195 ± .008	64.2
M22759/41- 6-*	6	133 x 27	.198	.213	.436	.241 ± .010	96.8
M22759/41- 4-*	4	133 x 25	.250	.268	.275	.310 ± .010	163.0
M22759/41- 2-*	2	665 x 30	.320	.340	.177	.405 ± .016	246.0
M22759/41- 1-*	1	817 x 30	.360	.380	.144	.445 ± .016	314.0
M22759/41-01-*	0	1045 x 30	.395	.425	.113	.485 ± .016	421.0
M22759/41-02-*	00	1330 x 30	.440	.475	.089	.545 ± .016	518.0
MEDIUM WEIGHT: 200°C 600V							
MIL-W-22759/42 NICKEL PLATED HIGH STRENGTH COPPER ALLOY							
M22759/42-26-*	26	19 x 38	.018	.021	49.4	.040 ± .002	1.7
M22759/42-24-*	24	19 x 36	.023	.026	30.1	.045 ± .002	2.3
M22759/42-22-*	22	19 x 34	.029	.033	18.6	.050 ± .002	3.3
M22759/42-20-*	20	19 x 32	.037	.041	11.4	.058 ± .002	4.8



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MIL-W-22759

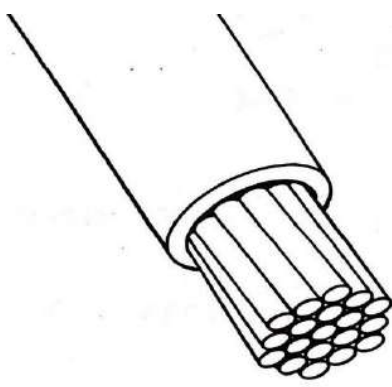
CROSS-LINKED ETFE INSULATED WIRE

Military Part Number	AWG	Stranding	Diameter of Stranded Conductor (inches)		Finished Wire		
			(min)	(max)	Resistance at 20°C (68°F) (ohms/100 ft) (max)	Diameter (inches)	Weight (lbs/1000 ft) (max)
NORMAL WEIGHT: 200°C 600V MIL-W-22759/43 SILVER COATED COPPER CONDUCTOR							
M22759/43-26-*	26	19 x 38	.018	.020	38.40	.040 ± .002	1.7
M22759/43-24-*	24	19 x 36	.023	.025	24.30	.045 ± .002	2.3
M22759/43-22-*	22	19 x 34	.029	.032	15.10	.050 ± .002	3.2
M22759/43-20-*	20	19 x 32	.037	.040	9.19	.058 ± .002	4.7
M22759/43-18-*	18	19 x 30	.046	.050	5.79	.070 ± .003	7.2
M22759/43-16-*	16	19 x 29	.052	.057	4.52	.077 ± .003	9.0
M22759/43-14-*	14	19 x 27	.065	.072	2.88	.094 ± .003	13.8
M22759/43-12-*	12	37 x 28	.084	.089	1.90	.111 ± .003	20.5
M22759/43-10-*	10	37 x 26	.106	.112	1.19	.134 ± .004	32.4
M22759/43-8-*	8	133 x 29	.158	.169	.658	.195 ± .008	61.9
M22759/43-6-*	6	133 x 27	.198	.213	.418	.241 ± .010	94.5
M22759/43-4-*	4	133 x 25	.250	.268	.264	.310 ± .010	158.0
M22759/43-2-*	2	665 x 30	.320	.340	.170	.405 ± .016	239.0
M22759/43-1-*	1	817 x 30	.360	.380	.139	.445 ± .016	305.0
M22759/43-01-*	0	1045 x 30	.395	.425	.108	.485 ± .016	385.0
M22759/43-02-*	00	1330 x 30	.440	.475	.085	.545 ± .016	487.0



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MIL-W-22759
CROSS-LINKED ETFE INSULATED WIRE
200°C 600V

Military Part Number	AWG	Stranding	Diameter of Stranded Conductor (inches)		Finished Wire		
			(min)	(max)	Resistance at 20°C (68°F) (ohms/100 ft) (max)	Diameter (inches)	Weight (lbs/1000 ft) (max)
LIGHT WEIGHT MIL-W-22759/44 SILVER PLATED COPPER CONDUCTOR							
M22759/44-28-*	28	7 x 36	.014	.015	63.80	.027 ± .002	.91
M22759/44-26-*	26	19 x 38	.018	.020	38.40	.032 ± .002	1.40
M22759/44-24-*	24	19 x 36	.023	.025	24.30	.037 ± .002	2.00
M22759/44-22-*	22	19 x 34	.029	.032	15.10	.043 ± .002	2.80
M22759/44-20-*	20	19 x 32	.037	.040	9.19	.050 ± .002	4.30
M22759/44-18-*	18	19 x 30	.046	.050	5.79	.060 ± .002	6.50
M22759/44-16-*	16	19 x 29	.052	.057	4.52	.068 ± .002	8.30
M22759/44-14-*	14	19 x 27	.065	.072	2.88	.085 ± .003	13.00
M22759/44-12-*	12	37 x 28	.084	.089	1.90	.103 ± .003	19.70
LIGHT WEIGHT MIL-W-22759/45 NICKEL PLATED COPPER CONDUCTOR							
M22759/45-28-*	28	7 x 36	.014	.015	63.80	.027 ± .002	.91
M22759/45-26-*	26	19 x 38	.018	.020	38.40	.032 ± .002	1.40
M22759/45-24-*	24	19 x 36	.023	.025	24.30	.037 ± .002	2.00
M22759/45-22-*	22	19 x 34	.029	.032	15.10	.043 ± .002	2.80
M22759/45-20-*	20	19 x 32	.037	.040	9.19	.050 ± .002	4.30
M22759/45-18-*	18	19 x 30	.046	.050	5.79	.060 ± .002	6.50
M22759/45-16-*	16	19 x 29	.052	.057	4.52	.068 ± .002	8.30
M22759/45-14-*	14	19 x 27	.065	.072	2.88	.085 ± .003	13.00
M22759/45-12-*	12	37 x 28	.084	.089	1.90	.103 ± .003	19.70
LIGHT WEIGHT MIL-W-22759/46 NICKEL PLATED ALLOY CONDUCTOR							
M22759/46-28-*	28	7 x 36	.014	.016	79.0	.027 ± .002	.91
M22759/46-26-*	26	19 x 38	.018	.020	49.4	.032 ± .002	1.40
M22759/46-24-*	24	19 x 36	.023	.025	30.1	.037 ± .002	2.00
M22759/46-22-*	22	19 x 34	.029	.031	18.6	.043 ± .002	2.90
M22759/46-20-*	20	19 x 32	.037	.040	11.4	.050 ± .002	4.40



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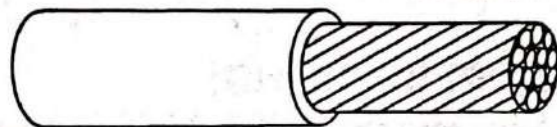
MIL-W-22759/7

TFE

Stranded Conductor

APPLICATIONS:

Used as air frame wiring for electrical and electronic equipment wherever a high temperature, abrasion resistant wire is required.



SPECIFICATIONS:

Cable Type: SA**

1. CONDUCTOR: Concentric strand silver coated copper.
2. INSULATION: Extruded TFE (Teflon) abrasion resistant mineral reinforced.
3. TEMPERATURE: 200°C
4. VOLTAGE: 600 Volts.

NEC Number	Conductor Size	Stranding	Diameter of Stranded Conductor		Finished Wire		
					Resistance at 200C (68°F)	Nominal O.D.	Approximate Weight Lbs. 1000 Ft.
	AWG	No. X AWG	IN min.	IN max.	Ohms/1000 Ft.	IN	
M22759/7-24-*	24	19 x 36	.023	.025	24.3	.062 ± .002	4.3
M22759/7-22-*	22	19 x 32	.029	.032	15.1	.073 ± .002	6.0
M22759/7-20-*	20	19 x 32	.037	.040	9.19	.082 ± .002	8.1
M22759/7-18-*	18	19 x 30	.046	.050	5.79	.092 ± .002	11.0
M22759/7-16-*	16	19 x 29	.052	.057	4.52	.102 ± .003	13.8
M22759/7-14-*	14	19 x 27	.065	.072	2.88	.115 ± .003	18.6
M22759/7-12-*	12	19 x 25	.082	.090	1.81	.134 ± .003	28.5
M22759/7-10-*	10	37 x 26	.106	.112	1.19	.158 ± .004	41.8
M22759/7-8-*	8	133 x 29	.158	.168	.658	.220 ± .005	73.1
M22759/7-6-*	6	133 x 27	.198	.213	.418	.270 ± .006	111.0
M22759/7-4-*	4	133 x 25	.250	.268	.264	.328 ± .007	169.0

NOTE: *Requires a color code designation.

**Cable designation using this type wire component per MIL-C-27500.

Diameters and weights may vary between manufacturers.



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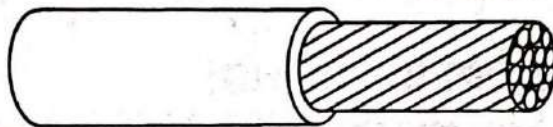
MIL-W-22759/11

TFE

Stranded Conductor

APPLICATIONS:

For internal wiring of meters, panels, and electronic equipment, electrical and electronic use in protected application where high temperature will be encountered.



SPECIFICATIONS:

Cable Type: TM**

1. CONDUCTOR: Concentric strand silver plated copper.
2. INSULATION: Extruded TFE (Teflon).
3. TEMPERATURE: 200°C
4. VOLTAGE: 600 Volts.

NEC Number	Conductor Size AWG	Stranding No. X AWG	Diameter of Stranded Conductor		Finished Wire		
			IN min.	IN max.	Resistance at 200C (68°F)	Nominal O.D.	Approximate Weight Lbs. 1000 Ft.
					Ohms/1000 Ft.	IN	
M22759/11-28-*	28	7 x 36	.014	.015	23.8	.033 ± .002	1.36
M22759/11-26-*	26	19 x 38	.018	.020	38.4	.038 ± .002	1.90
M22759/11-24-*	24	19 x 36	.023	.025	24.3	.043 ± .002	2.58
M22759/11-22-*	22	19 x 34	.029	.032	15.1	.049 ± .002	3.72
M22759/11-20-*	20	19 x 32	.037	.040	9.19	.058 ± .002	5.43
M22759/11-18-*	18	19 x 30	.046	.050	5.79	.068 ± .002	8.14
M22759/11-16-*	16	19 x 29	.052	.057	4.52	.075 ± .002	10.0
M22759/11-14-*	14	19 x 27	.065	.072	2.88	.090 ± .002	15.1
M22759/11-12-*	12	19 x 25	.082	.090	1.81	.111 ± .003	22.9
M22759/11-10-*	10	37 x 26	.106	.112	1.19	.139 ± .004	37.8
M22759/11-8-*	8	133 x 29	.158	.169	.658	.202 ± .004	65.5

NOTE: *Requires a color code designation.

**Cable designation using this type wire component per MIL-C-27500.

Diameters and weights may vary between manufacturers.



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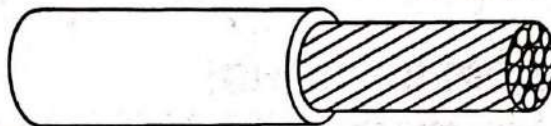
MIL-W-22759/16

TEFZEL

Stranded Conductor

APPLICATIONS:

Use as airframe interconnect wire in open harness applications. Tefzel offers abrasion resistance, light weight and durability.



SPECIFICATIONS:

Cable Type: TE**

1. CONDUCTOR: Concentric tinned copper.
2. INSULATION: Extruded ETFE (Tefzel), medium weight.
3. TEMPERATURE: 150°C
4. VOLTAGE: 600 Volts.

NEC Number	Conductor Size		Diameter of Stranded Conductor		Finished Wire		
	AWG	No. X AWG	IN min.	IN max.	Resistance at 200C (68°F)	Nominal O.D.	Approximate Weight Lbs. 1000 Ft.
					Ohms/1000 Ft.	IN	
M22759/16-24-*	24	19 x 36	.023	.024	26.2	.045 ± .002	2.57
M22759/16-22-*	22	19 x 34	.029	.031	16.2	.052 ± .002	3.68
M22759/16-20-*	20	19 x 32	.037	.039	9.88	.060 ± .002	5.36
M22759/16-18-*	18	19 x 30	.046	.049	6.23	.071 ± .002	7.89
M22759/16-16-*	16	19 x 29	.052	.055	4.81	.079 ± .002	9.95
M22759/16-14-*	14	19 x 27	.065	.069	3.06	.093 ± .002	14.9
M22759/16-12-*	12	37 x 28	.084	.089	2.02	.114 ± .003	22.6
M22759/16-10-*	10	37 x 26	.106	.112	1.26	.139 ± .003	35.1
M22759/16-8-*	8	133 x 29	.158	.169	.701	.199 ± .003	63.5
M22759/16-6-*	6	133 x 27	.198	.212	.445	.250 ± .003	99.9
M22759/16-4-*	4	133 x 25	.250	.268	.280	.312 ± .004	157.0
M22759/16-2-*	2	665 x 30	.320	.340	.183	.388 ± .004	245.0
M22759/16-1-*	1	817 x 30	.360	.380	.149	.431 ± .005	314.0
M22759/16-01-*	1/0	1045 x 30	.395	.425	.116	.479 ± .006	391.0
M22759/16-02-*	2/0	1330 x 30	.440	.475	.091	.546 ± .007	504.0

NOTE: *Requires a color code designation.

**Cable designation using this type wire component per MIL-C-27500.

Diameters and weights may vary between manufacturers.



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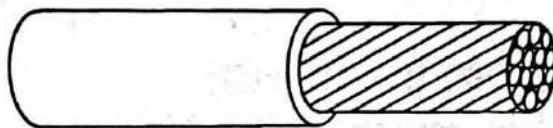
MIL-W-22759/18

TEFZEL

Stranded Conductor

APPLICATIONS:

Used as an interconnect wire in protected harness applications, TEFZEL offers excellent abrasion resistance, light weight and durability.



SPECIFICATIONS:

Cable Type: TG**

1. CONDUCTOR: Stranded tinned copper.
2. INSULATION: Extruded ETFE (Tefzel) light weight.
3. TEMPERATURE: 150°C
4. VOLTAGE: 600 Volts.

NEC Number	Conductor Size AWG	Stranding No. X AWG	Diameter of Stranded Conductor		Finished Wire		
			IN min.	IN max.	Resistance at 200C (68°F)	Nominal O.D.	Approximate Weight Lbs. 1000 Ft.
					Ohms/1000 Ft.	IN	
M22759/18-26-*	26	19 x 38	.018	.020	41.3	.032 ± .002	1.52
M22759/18-24-*	24	19 x 36	.023	.024	26.2	.036 ± .002	2.12
M22759/18-22-*	22	19 x 34	.029	.031	16.2	.043 ± .002	3.16
M22759/18-20-*	20	19 x 32	.037	.039	9.88	.051 ± .002	4.76
M22759/18-18-*	18	19 x 30	.046	.049	6.23	.061 ± .002	7.10
M22759/18-16-*	16	19 x 29	.052	.055	4.81	.070 ± .002	9.14
M22759/18-14-*	14	19 x 27	.065	.069	3.06	.085 ± .002	14.1
M22759/18-12-*	12	37 x 28	.084	.089	2.02	.107 ± .003	21.6
M22759/18-10-*	10	37 x 26	.106	.112	1.26	.134 ± .003	34.1

NOTE: *Requires a color code designation.

**Cable designation using this type wire component per MIL-C-27500.

Diameters and weights may vary between manufacturers.



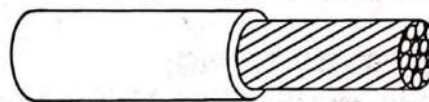
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MIL-W-22759/32

ETFE Copolymer
Stranded Conductor
APPLICATIONS:

Used as an interconnect wire in protected harness applications.

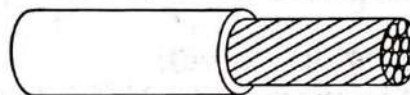


SPECIFICATIONS:					Cable Type: SB**		
1. CONDUCTOR: Concentric strand tin coated copper.							
2. INSULATION: Crosslinked extruded, modified ETFE (single wall, irradiated).							
3. TEMPERATURE: 150°C							
4. VOLTAGE: 600 Volts.							
NEC Number	Conductor Size	Stranding No. X AWG	Diameter of Stranded Conductor		Finished Wire		
	AWG		IN min.	IN max.	Resistance at 200C (68°F) Ohms/1000 Ft.	Nominal O.D. IN	Approximate Weight Lbs. 1000 Ft.
M22759/32-30-*	30	7 x 38	.011	.013	108.4	.024 ± .002	.66
M22759/32-28-*	28	7 x 36	.014	.016	68.6	.027 ± .002	.91
M22759/32-26-*	26	19 x 38	.018	.021	41.3	.032 ± .002	1.4
M22759/32-24-*	24	19 x 36	.023	.026	26.2	.037 ± .002	2.0
M22759/32-22-*	22	19 x 34	.029	.033	16.2	.043 ± .002	2.8
M22759/32-20-*	20	19 x 32	.037	.041	9.88	.050 ± .002	4.3
M22759/32-18-*	18	19 x 30	.046	.051	6.23	.060 ± .002	6.5
M22759/32-16-*	16	19 x 29	.052	.058	4.81	.068 ± .002	8.3
M22759/32-14-*	14	19 x 27	.065	.073	3.06	.085 ± .003	13.0
M22759/32-12-*	12	37 x 28	.084	.090	2.02	.103 ± .003	19.7

MIL-W-22759/33

ETFE Copolymer
Stranded Conductor
APPLICATIONS:

Used as an interconnect wire in protected harness applications.



SPECIFICATIONS:					Cable Type: SC**		
1. CONDUCTOR: Concentric strand silver coated high strength alloy.							
2. INSULATION: Crosslinked extruded, modified ETFE (single wall, irradiated).							
3. TEMPERATURE: 200°C							
4. VOLTAGE: 600 Volts.							
NEC Number	Conductor Size	Stranding No. X AWG	Diameter of Stranded Conductor		Finished Wire		
	AWG		IN min.	IN max.	Resistance at 200C (68°F) Ohms/1000 Ft.	Nominal O.D. IN	Approximate Weight Lbs. 1000 Ft.
M22759/33-30-*	30	7 x 38	.011	.012	117.4	.024 ± .002	0.66
M22759/33-28-*	28	7 x 36	.014	.015	74.4	.027 ± .002	0.91
M22759/33-26-*	26	19 x 38	.018	.020	44.8	.032 ± .002	1.4
M22759/33-24-*	24	19 x 36	.023	.025	28.4	.037 ± .002	2.0
M22759/33-22-*	22	19 x 34	.029	.032	17.5	.043 ± .002	2.9
M22759/33-20-*	20	19 x 32	.037	.040	10.7	.050 ± .002	4.4

NOTE: *Requires a color code designation.

**Cable designation using this type wire component per MIL-C-27500.

Diameters and weights may vary between manufacturers.



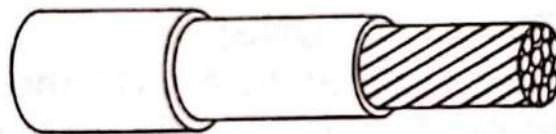
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MIL-W-22759/34

**ETFE Copolymer
Stranded Conductor**
APPLICATIONS:

High temperature airframe and avionics wires used in open harness applications.

**SPECIFICATIONS:**

Cable Type: SD**

1. CONDUCTOR: Concentric strand tin coated copper.
2. INSULATION: Crosslinked extruded, modified ETFE (braid jacket 2 AWG and larger) (dual wall, irradiated).
3. TEMPERATURE: 150°C
4. VOLTAGE: 600 Volts.

NEC Number	Conductor Size AWG	Stranding No. X AWG	Diameter of Stranded Conductor		Finished Wire		
					Resistance at 200°C (68°F) Ohms/1000 Ft.	Nominal O.D. IN	Approximate Weight Lbs. 1000 Ft.
M22759/34-24-*	24	19 x 36	.023	.026	26.2	.045 ± .002	2.3
M22759/34-22-*	22	19 x 34	.029	.033	16.2	.050 ± .002	3.2
M22759/34-20-*	20	19 x 32	.037	.041	9.88	.058 ± .002	4.7
M22759/34-18-*	18	19 x 30	.046	.051	6.23	.070 ± .003	7.2
M22759/34-16-*	16	19 x 29	.052	.058	4.81	.077 ± .003	9.0
M22759/34-14-*	14	19 x 27	.065	.073	3.06	.094 ± .003	13.8
M22759/34-12-*	12	37 x 28	.084	.090	2.02	.111 ± .003	20.5
M22759/34-10-*	10	37 x 26	.106	.114	1.26	.134 ± .004	32.4
M22759/34-8-*	8	133 x 29	.158	.173	.701	.195 ± .008	60.3
M22759/34-6-*	6	133 x 27	.198	.217	.445	.241 ± .010	94.5
M22759/34-4-*	4	133 x 25	.250	.274	.280	.310 ± .010	150.0
M22759/34-2-*	2	665 x 30	.320	.340	.183	.405 ± .016	239.0
M22759/34-1-*	1	817 x 30	.360	.380	.149	.445 ± .016	290.0
M22759/34-01-*	1/0	1045 x 30	.395	.425	.116	.485 ± .016	377.0
M22759/34-02-*	2/0	1330 x 30	.440	.475	.091	.545 ± .016	487.0

NOTE: *Requires a color code designation.

**Cable designation using this type wire component per MIL-C-27500.

Diameters and weights may vary between manufacturers.



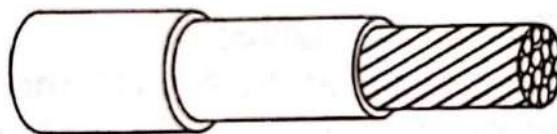
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MIL-W-22759/41

**ETFE Copolymer
Stranded Conductor**
APPLICATIONS:

High temperature airframe and avionics wires used in open harness applications.

**SPECIFICATIONS:**

Cable Type: SM**

1. CONDUCTOR: Concentric strand nickel coated copper alloy.
2. INSULATION: Crosslinked extruded, modified ETFE (braid jacket 2 AWG and larger) (dual wall, irradiated).
3. TEMPERATURE: 200°C
4. VOLTAGE: 600 Volts.

NEC Number	Conductor Size AWG	Stranding No. X AWG	Diameter of Stranded Conductor		Finished Wire		
			IN min.	IN max.	Resistance at 200C (68°F)	Nominal O.D.	Approximate Weight Lbs. 1000 Ft.
					Ohms/1000 Ft.	IN	
M22759/41-26-*	26	19 x 38	.018	.021	42.2	.040 ± .002	1.7
M22759/41-24-*	24	19 x 36	.023	.026	25.9	.045 ± .002	2.3
M22759/41-22-*	22	19 x 34	.029	.033	16.0	.050 ± .002	3.2
M22759/41-20-*	20	19 x 32	.037	.041	9.77	.058 ± .002	4.7
M22759/41-18-*	18	19 x 30	.046	.051	6.10	.070 ± .003	7.2
M22759/41-16-*	16	19 x 29	.052	.058	4.76	.077 ± .003	9.0
M22759/41-14-*	14	19 x 27	.065	.073	3.00	.094 ± .003	13.8
M22759/41-12-*	12	37 x 28	.084	.090	1.98	.111 ± .003	20.5
M22759/41-10-*	10	37 x 26	.106	.114	1.24	.134 ± .004	32.4
M22759/41-8-*	8	133 x 29	.158	.173	.694	.195 ± .008	64.2
M22759/41-6-*	6	133 x 27	.198	.217	.436	.241 ± .010	96.8
M22759/41-4-*	4	133 x 25	.250	.274	.275	.310 ± .010	163.0
M22759/41-2-*	2	665 x 30	.320	.340	.177	.405 ± .016	246.0
M22759/41-1-*	1	817 x 30	.360	.380	.144	.445 ± .016	314.0
M22759/41-01-*	1/0	1045 x 30	.395	.425	.113	.485 ± .016	421.0
M22759/41-02-*	2/0	1330 x 30	.440	.475	.089	.545 ± .016	518.0

NOTE: *Requires a color code designation.

**Cable designation using this type wire component per MIL-C-27500.

Diameters and weights may vary between manufacturers.



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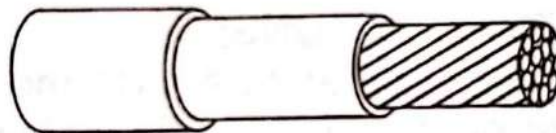
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MIL-W-22759/42

**ETFE Copolymer
Stranded Conductor**

APPLICATIONS:

High temperature airframe and avionics wires used in open harness applications.



Cable Type: SN**

SPECIFICATIONS:

1. CONDUCTOR: Concentric strand nickel coated strength copper alloy.
2. INSULATION: Crosslinked extruded, modified ETFE (braid jacket 2 AWG and larger) (dual wall, irradiated).
3. TEMPERATURE: 200°C
4. VOLTAGE: 600 Volts.

NEC Number	Conductor Size	Stranding	Diameter of Stranded Conductor		Finished Wire		
			IN min.	IN max.	Resistance at 200C (68°F)	Nominal O.D.	Approximate Weight Lbs. 1000 Ft.
	AWG	No. X AWG			Ohms/1000 Ft.	IN	
M22759/42-26-*	26	19 x 38	.018	.021	49.4	.040 ± .002	1.7
M22759/42-24-*	24	19 x 36	.023	.026	30.1	.045 ± .002	2.3
M22759/42-22-*	22	19 x 34	.029	.033	18.6	.050 ± .002	3.3
M22759/42-20-*	20	19 x 32	.037	.041	11.47	.058 ± .002	4.8

NOTE: *Requires a color code designation.

**Cable designation using this type wire component per MIL-C-27500.

Diameters and weights may vary between manufacturers.



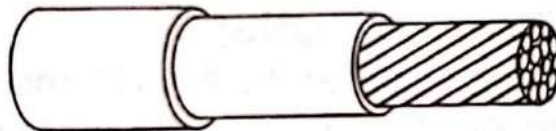
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MIL-W-22759/43

**ETFE Copolymer
Stranded Conductor**
APPLICATIONS:

High temperature airframe and avionics wires used in open harness applications.

**SPECIFICATIONS:**

Cable Type: SP**

1. CONDUCTOR: Concentric strand silver coated copper alloy.
2. INSULATION: Crosslinked extruded, modified ETFE (braid jacket 2 AWG and larger) (dual wall, irradiated).
3. TEMPERATURE: 150°C
4. VOLTAGE: 600 Volts.

NEC Number	Conductor Size	Stranding	Diameter of Stranded Conductor		Finished Wire		
					Resistance at 200°C (68°F)	Nominal O.D.	Approximate Weight Lbs. 1000 Ft.
	AWG	No. X AWG	IN min.	IN max.	Ohms/1000 Ft.	IN	
M22759/43-26-*	26	19 x 38	.018	.020	38.4	.040 ± .002	1.7
M22759/43-24-*	24	19 x 36	.023	.025	24.3	.045 ± .002	2.3
M22759/43-22-*	22	19 x 34	.029	.032	15.1	.050 ± .002	3.2
M22759/43-20-*	20	19 x 32	.037	.040	9.19	.058 ± .002	4.7
M22759/43-18-*	18	19 x 30	.046	.050	5.79	.070 ± .003	7.2
M22759/43-16-*	16	19 x 29	.052	.057	4.52	.077 ± .003	9.0
M22759/43-14-*	14	19 x 27	.065	.072	2.88	.094 ± .003	13.8
M22759/43-12-*	12	37 x 28	.084	.089	1.90	.111 ± .003	20.5
M22759/43-10-*	10	37 x 26	.106	.112	1.19	.134 ± .004	32.4
M22759/43-8-*	8	133 x 29	.158	.169	.658	.195 ± .008	61.9
M22759/43-6-*	6	133 x 27	.198	.213	.418	.241 ± .010	94.5
M22759/43-4-*	4	133 x 25	.250	.268	.264	.310 ± .010	158.0
M22759/43-2-*	2	665 x 30	.320	.340	.170	.405 ± .016	239.0
M22759/43-1-*	1	817 x 30	.360	.380	.139	.445 ± .016	305.0
M22759/43-01-*	1/0	1045 x 30	.395	.425	.108	.485 ± .016	385.0
M22759/43-02-*	2/0	1330 x 30	.440	.475	.085	.545 ± .016	487.0

NOTE: *Requires a color code designation.

**Cable designation using this type wire component per MIL-C-27500.

Diameters and weights may vary between manufacturers.



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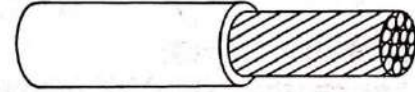
MIL-SPEC

MIL-W-22759/44

**ETFE Copolymer
Stranded Conductor**

APPLICATIONS:

Used as interconnect wire in protected harness applications.



SPECIFICATIONS:					Cable Type: SR**		
1. CONDUCTOR: Concentric strand silver coated copper alloy.							
2. INSULATION: Crosslinked extruded, modified ETFE (single wall, irradiated).							
3. TEMPERATURE: 200°C							
4. VOLTAGE: 600 Volts.							
NEC Number	Conductor Size	Stranding No. X AWG	Diameter of Stranded Conductor		Finished Wire		
	AWG		IN min.	IN max.	Resistance at 200°C (68°F) Ohms/1000 Ft.	Nominal O.D. IN	Approximate Weight Lbs. 1000 Ft.
M22759/44-28-*	28	7 x 36	.014	.015	63.8	.027 ± .002	.91
M22759/44-26-*	26	19 x 38	.018	.020	38.4	.032 ± .002	1.4
M22759/44-24-*	24	19 x 36	.023	.025	24.3	.037 ± .002	2.0
M22759/44-22-*	22	19 x 34	.029	.032	15.1	.043 ± .002	2.8
M22759/44-20-*	20	19 x 32	.037	.040	9.19	.050 ± .002	4.3
M22759/44-18-*	18	19 x 30	.046	.050	5.79	.060 ± .002	6.5
M22759/44-16-*	16	19 x 29	.052	.057	4.52	.068 ± .002	8.3
M22759/44-14-*	14	19 x 27	.065	.072	2.88	.085 ± .003	13.0
M22759/44-12-*	12	37 x 28	.084	.089	1.90	.103 ± .003	19.7

MIL-W-22759/45

**ETFE Copolymer
Stranded Conductor**

APPLICATIONS:

Used as interconnect wire in protected harness applications.



SPECIFICATIONS:					Cable Type: SS*		
1. CONDUCTOR: Concentric strand nickel coated copper.							
2. INSULATION: Crosslinked extruded, modified ETFE (single wall, irradiated).							
3. TEMPERATURE: 150°C							
4. VOLTAGE: 600 Volts.							
NEC Number	Conductor Size	Stranding No. X AWG	Diameter of Stranded Conductor		Finished Wire		
	AWG		IN min.	IN max.	Resistance at 200°C (68°F) Ohms/1000 Ft.	Nominal O.D. IN	Approximate Weight Lbs. 1000 Ft.
M22759/45-28-*	28	7 x 36	.014	.016	67.9	.027 ± .002	.91
M22759/45-26-*	26	19 x 38	.018	.021	42.2	.032 ± .002	1.4
M22759/45-24-*	24	19 x 36	.023	.026	25.9	.037 ± .002	2.0
M22759/45-22-*	22	19 x 34	.029	.033	16.0	.043 ± .002	2.8
M22759/45-20-*	20	19 x 32	.037	.041	9.77	.050 ± .002	4.3
M22759/45-18-*	18	19 x 30	.046	.051	6.10	.060 ± .002	6.5
M22759/45-16-*	16	19 x 29	.052	.058	4.76	.068 ± .002	8.3
M22759/45-14-*	14	19 x 27	.065	.073	3.00	.085 ± .003	13.0
M22759/45-12-*	12	37 x 28	.084	.090	1.98	.103 ± .003	19.7

NOTE: *Requires a color code designation.

**Cable designation using this type wire component per MIL-C-27500.

Diameters and weights may vary between manufacturers.



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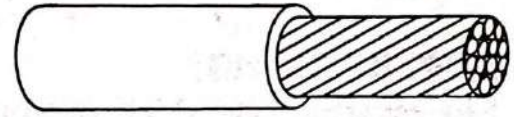
MIL-SPEC

MIL-W-22759/46

ETFE Copolymer Stranded Conductor

APPLICATIONS:

Used as interconnect wire in protected harness applications.



SPECIFICATIONS:

Cable Type: ST**

1. CONDUCTOR: Concentric strand nickel coated high strength copper alloy.
2. INSULATION: Crosslinked extruded, modified ETFE (single wall, irradiated).
3. TEMPERATURE: 200°C
4. VOLTAGE: 600 Volts.

NEC Number	Conductor Size	Stranding	Diameter of Stranded Conductor		Finished Wire		
			IN min.	IN max.	Resistance at 200C (68°F)	Nominal O.D.	Approximate Weight Lbs. 1000 Ft.
	AWG	No. X AWG	Ohms/1000 Ft.	IN			
M22759/46-28-*	28	7 x 36	.014	.016	79.0	.027 ± .002	.91
M22759/46-26-*	26	19 x 38	.018	.021	49.4	.032 ± .002	1.4
M22759/46-24-*	24	19 x 36	.023	.026	30.1	.037 ± .002	2.0
M22759/46-22-*	22	19 x 34	.029	.033	18.6	.043 ± .002	2.9
M22759/46-20-*	20	19 x 32	.037	.041	11.4	.050 ± .002	4.4

NOTE: *Requires a color code designation.

**Cable designation using this type wire component per MIL-C-27500.

Diameters and weights may vary between manufacturers.

- 1) The X in this column shall be replaced by color code.



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