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Mil-W-22759/32

Tinned Copper Conductor

150°C 600 Volts

Single Insulation of Cross-linked Ethylene-Tetrafluoroethylene
(ETFE)

Judd Part No.	Military Part No.	Wire AWG/Strand	Resistance at 20 degrees C. OHMS 1000' Max.	Nominal Diameter		Maximum Weight	
				Inches	Millimeters	Pounds/ 1000'	Kilograms/ Kilometers
H3832302-*	M22759/32-30-*	30 7/38	108.4	.024	.610	.66	.98
H3832282-*	M22759/32-28-*	28 7/36	68.6	.027	.686	.91	1.35
H3832264-*	M22759/32-26-*	26 19/38	41.3	.032	.813	1.4	2.08
H3832244-*	M22759/32-24-*	24 19/36	26.2	.037	.940	2.0	2.98
H3832224-*	M22759/32-22-*	22 19/34	16.2	.043	1.092	2.8	4.17
H3832204-*	M22759/32-20-*	20 19/32	9.88	.050	1.270	4.3	6.40
H3832184-*	M22759/32-18-*	18 19/30	6.23	.060	1.524	6.5	9.67
H3832164-*	M22759/32-16-*	16 19/29	4.81	.068	1.727	8.3	12.35
H3832144-*	M22759/32-14-*	14 19/27	3.06	.085	2.159	13.0	19.35
H3832126-*	M22759/32-12-*	12 37/28	2.02	.103	2.616	19.7	29.32



Mil-W-22759/33

Silver Coated High Strength Copper Alloy Conductor

200°C 600 Volts

Single Insulation of Cross-linked Ethylene-Tetrafluoroethylene
(ETFE)

Judd Part No.	Military Part No.	Wire AWG/Strand	Resistance at 20 degrees C. OHMS 1000' Max.	Nominal Diameter		Maximum Weight	
				Inches	Millimeters	Pounds/ 1000'	Kilograms/ Kilometers
H3833302-*	M22759/33-30-*	30 7/38	117.4	.024	.610	.66	.98
H3833282-*	M22759/33-28-*	28 7/36	74.4	.027	.686	.91	1.35
H3833264-*	M22759/33-26-*	26 19/38	44.8	.032	.813	1.4	2.08
H3833244-*	M22759/33-24-*	24 19/36	28.4	.037	.940	2.0	2.98
H3833224-*	M22759/33-22-*	22 19/34	17.5	.043	1.092	2.9	4.32
H3833204-*	M22759/33-20-*	20 19/32	10.7	.050	1.270	4.4	6.55

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Mil-W-22759/34

Tinned Copper Conductor

150°C 600 Volts

Dual Insulation of Cross-linked Ethylene-Tetrafluoroethylene
(ETFE)

Judd Part No.	Military Part No.	Wire AWG/Strand	Resistance at 20 degrees C. OHMS 1000' Max.	Nominal Diameter		Maximum Weight	
				Inches	Millimeters	Pounds/ 1000'	Kilograms/ Kilometers
H3834244-*	M22759/34-24-*	24 19/36	26.20	.045	1.143	2.3	3.42
H3834224-*	M22759/34-22-*	22 19/34	16.20	.050	1.270	3.2	4.76
H3834204-*	M22759/34-20-*	20 19/32	9.88	.058	1.473	4.7	6.99
H3834184-*	M22759/34-18-*	18 19/30	6.23	.070	1.778	7.2	10.71
H3834164-*	M22759/34-16-*	16 19/29	4.81	.077	1.956	9.0	13.39
H3834144-*	M22759/34-14-*	14 19/27	3.06	.094	2.388	13.8	20.54
H3834126-*	M22759/34-12-*	12 37/28	2.02	.111	2.819	20.5	30.51
H3834106-*	M22759/34-10-*	10 37/26	1.26	.134	3.404	32.4	48.21
H3834088-*	M22759/34-8-*	8 133/29	.701	.195	4.953	60.3	89.73
H3834068-*	M22759/34-6-*	6 133/27	.445	.241	6.121	94.5	140.63
H3834048-*	M22759/34-4-*	4 133/25	.280	.310	7.874	150.0	223.22
H3834029-*	M22759/34-2-*	2 665/30	.183	.405	10.287	239.0	355.68
H3834019-*	M22759/34-1-*	1 817/30	.149	.445	11.303	290.0	431.57
H3834109-*	M22759/34-01*	1/0 1045/30	.116	.485	12.319	377.0	561.05
H3834209-*	M22759/34-02*	2/0 1330/30	.091	.545	13.843	487.0	724.75

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Mil-W-22759/35

Silver Coated High Strength
Copper Alloy Conductor

200°C 600 Volts

Dual Insulation of Cross-linked Ethylene-Tetrafluoroethylene
(ETFE)

Judd Part No.	Military Part No.	Wire AWG/Strand	Resistance at 20 degrees C. OHMS 1000' Max.	Nominal Diameter		Maximum Weight	
				Inches	Millimeters	Pounds/ 1000'	Kilograms/ Kilometers
H3835264-*	M22759/35-26-*	26 19/38	44.8	.040	1.016	1.7	2.53
H3835244-*	M22759/35-24-*	24 19/36	28.4	.045	1.143	2.3	3.42
H3835224-*	M22759/35-22-*	22 19/34	17.5	.050	1.270	3.3	4.91
H3835204-*	M22759/35-20-*	20 19/32	10.7	.058	1.473	4.8	7.14

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Mil-W-22759/41

Nickel Coated Copper Conductor

200°C 600 Volts

**Dual Insulation of Cross-linked Ethylene-Tetrafluoroethylene
(ETFE)**

Judd Part No.	Military Part No.	Wire AWG/Strand	Resistance at 20 degrees C. OHMS 1000' Max.	Nominal Diameter		Maximum Weight	
				Inches	Millimeters	Pounds/ 1000'	Kilograms/ Kilometers
H3841264-*	M22759/41-26-*	26 19/38	42.2	.040	1.016	1.7	2.53
H3841244-*	M22759/41-24-*	24 19/36	25.9	.045	1.143	2.3	3.42
H3841224-*	M22759/41-22-*	22 19/34	16.0	.050	1.270	3.2	4.76
H3841204-*	M22759/41-20-*	20 19/32	9.77	.058	1.473	4.7	6.99
H3841184-*	M22759/41-18-*	18 19/30	6.10	.070	1.778	7.2	10.71
H3841164-*	M22759/41-16-*	16 19/29	4.76	.077	1.956	9.0	13.39
H3841144-*	M22759/41-14-*	14 19/27	3.00	.094	2.388	13.8	20.54
H3841126-*	M22759/41-12-*	12 37/28	1.98	.111	2.819	20.5	30.51

H3841106-*	M22759/41-10-*	10 37/26	1.24	.134	3.404	32.4	48.21
H3841088-*	M22759/41-8-*	8 133/29	.694	.195	4.953	64.2	95.54
H3841068-*	M22759/41-6-*	6 133/27	.436	.241	6.121	96.8	144.05
H3841048-*	M22759/41-4-*	4 133/25	.275	.310	7.874	163.0	242.56
H3841029-*	M22759/41-2-*	2 665/30	.177	.405	10.287	246.0	366.09
H3841019-*	M22759/41-1-*	1 817/30	.144	.445	11.303	314.0	467.29
H3841109-*	M22759/41-01*	1/0 1045/30	.113	.485	12.319	421.0	626.53
H3841209-*	M22759/41-02*	2/0 1330/30	.089	.545	13.843	518.0	770.88

Mil-W-22759/42 Nickel Coated High Strength Copper Conductor

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Judd Part No.	Military Part No.	Wire AWG/Strand	Resistance at 20 degrees C. OHMS 1000' Max.	Nominal Diameter		Maximum Weight	
				Inches	Millimeters	Pounds/ 1000'	Kilograms/ Kilometers
H3842264-*	M22759/42-26-*	26 19/38	49.4	.040	1.016	1.7	2.53
H3842244-*	M22759/42-24-*	24 19/36	30.1	.045	1.143	2.3	3.42
H3842224-*	M22759/42-22-*	22 19/34	18.6	.050	1.270	3.3	4.91
H3842204-*	M22759/42-20-*	20 19/32	11.4	.058	1.473	4.8	7.14

Mil-W-22759/43 Silver Coated Copper Conductor

Judd Part No.	Military Part No.	Wire AWG/Strand	Resistance at 20 degrees C. OHMS 1000' Max.	Nominal Diameter		Maximum Weight	
				Inches	Millimeters	Pounds/ 1000'	Kilograms/ Kilometers
H3843264-*	M22759/43-26-*	26 19/38	38.4	.040	1.016	1.7	2.53
H3843244-*	M22759/43-24-*	24 19/36	24.3	.045	1.143	2.3	3.42
H3843224-*	M22759/43-22-*	22 19/34	15.1	.050	1.270	3.2	4.76
H3843204-*	M22759/43-20-*	20 19/32	9.19	.058	1.473	4.7	6.99
H3843184-*	M22759/43-18-*	18 19/30	5.79	.070	1.778	7.2	10.71
H3843164-*	M22759/43-16-*	16 19/29	4.52	.077	1.956	9.0	13.39

H3843144-*	M22759/43-14-*	14 19/27	2.88	.094	2.388	13.8	20.54
H3843126-*	M22759/43-12-*	12 37/28	1.90	.111	2.819	20.5	30.51
H3843106-*	M22759/43-10-*	10 37/26	1.19	.134	3.404	32.4	48.21
H3843088-*	M22759/43-8-*	8 133/29	.658	.195	4.953	61.9	92.11
H3843068-*	M22759/43-6-*	6 133/27	.418	.241	6.121	94.5	140.63
H3843048-*	M22759/43-4-*	4 133/25	.264	.310	7.874	158.0	235.12
H3843029-*	M22759/43-2-*	2 665/30	.170	.405	10.287	239.0	355.68
H3843019-*	M22759/43-1-*	1 817/30	.139	.445	11.303	305.0	453.90
H3843109-*	M22759/43-01*	1/0 1045/30	.108	.485	12.319	385.0	572.95
H3843209-*	M22759/43-02*	2/0 1330/30	.085	.545	13.843	487.0	724.75

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Mil-W-22759/44

Silver Coated Copper Conductor

200°C 600 Volts

Single Insulation of Cross-linked Ethylene-Tetrafluoroethylene (ETFE)

Judd Part No.	Military Part No.	Wire AWG/Strand	Resistance at 20 degrees C. OHMS 1000' Max.	Nominal Diameter		Maximum Weight	
				Inches	Millimeters	Pounds/1000'	Kilograms/Kilometers
H3844282-*	M22759/44-28-*	28 7/36	63.8	.027	.686	.91	1.35
H3844264-*	M22759/44-26-*	26 19/38	38.4	.032	.813	1.4	2.08
H3844244-*	M22759/44-24-*	24 19/36	24.3	.037	.940	2.0	2.98
H3844224-*	M22759/44-22-*	22 19/34	15.1	.043	1.092	2.8	4.17
H3844204-*	M22759/44-20-*	20 19/32	9.19	.050	1.270	4.3	6.40
H3844184-*	M22759/44-18-*	18 19/30	5.79	.060	1.524	6.5	9.67
H3844164-*	M22759/44-16-*	16 19/29	4.52	.068	1.727	8.3	12.35

H3844144-*	M22759/44-14-*	14 19/27	2.88	.085	2.159	13.0	19.35
H3844126-*	M22759/44-12-*	12 37/28	1.90	.103	2.616	19.7	29.32

Mil-W-22759/45 Nickel Coated Copper Conductor

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Judd Part No.	Military Part No.	Wire AWG/Strand	Resistance at 20 degrees C. OHMS 1000' Max.	Nominal Diameter		Maximum Weight	
				Inches	Millimeters	Pounds/ 1000'	Kilograms/ Kilometers
H3845282-*	M22759/45-28-*	28 7/36	67.9	.027	.686	.91	1.35
H3845264-*	M22759/45-26-*	26 19/38	42.2	.032	.813	1.4	2.08
H3845244-*	M22759/45-24-*	24 19/36	25.9	.037	.940	2.0	2.98
H3845224-*	M22759/45-22-*	22 19/34	16.0	.043	1.092	2.8	4.17
H3845204-*	M22759/45-20-*	20 19/32	9.77	.050	1.270	4.3	6.40
H3845184-*	M22759/45-18-*	18 19/30	6.10	.060	1.524	6.5	9.67
H3845164-*	M22759/45-16-*	16 19/29	4.76	.068	1.727	8.3	12.35
H3845144-*	M22759/45-14-*	14 19/27	3.00	.085	2.159	13.0	19.35
H3845126-*	M22759/45-12-*	12 37/28	1.98	.103	2.616	19.7	29.32

Mil-W-22759/46 Nickel Coated High Strength Copper Alloy Conductor

Judd Part No.	Military Part No.	Wire AWG/Strand	Resistance at 20 degrees C. OHMS 1000' Max.	Nominal Diameter		Maximum Weight	
				Inches	Millimeters	Pounds/ 1000'	Kilograms/ Kilometers
H3846282-*	M22759/46-28-*	28 7/36	79.0	.027	.686	.91	1.35
H3846264-*	M22759/46-26-*	26 19/38	49.4	.032	.813	1.4	2.08
H3846244-*	M22759/46-24-*	24 19/36	30.1	.037	.940	2.0	2.98
H3846224-*	M22759/46-22-*	22 19/34	18.6	.043	1.092	2.9	4.32
H3846204-*	M22759/46-20-*	20 19/32	11.4	.050	1.270	4.4	6.55

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