



SAE-AS-22759/41

Nickel Coated Copper Conductor

200°C 600 Volts

Dual Insulation of

Crosslinked Ethylene-Tetrafluoroethylene (ETFE)

Judd Part No.	Military Part No.	Wire AWG/Strand	Resistance at 20°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

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Nickel Coated High Strength Copper Conductor

Judd Part No.	Military Part No.	Wire AWG/Strand	Resistance at 20°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

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Silver Coated Copper Conductor

Judd Part No.	Military Part No.	Wire AWG/Strand	Resistance at 20°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