

Buss Bar QQ-W-343 / AA59551 Wire

Buss Bar

Copper Buss Bar is part of Allied Wire's extensive line of Mil-Spec wire.

It is sometimes referred to as Bus Bar by other manufacturers, distributors and users.

In general, buss bar is made of either copper or aluminum, and it conducts electricity in electrical distribution applications.

Bus bar interconnects electrical apparatuses which are the loads and sources of the electrical power.

These are apparatuses such as distribution boards, switchboards, generators, transformers and electrical substations.

Our products meet the QQ-W-343 / AA59551 federal specifications for electrical wire.

Tinned Copper Buss Bar and Buss Wire



Extra Flexible Copper Rope QQ-W-343

Tinned Copper Buss Bar was previously considered Type QQ-W-343, but it now falls under the Mil-Spec A-A-59551 specification.

A-A-59551 bus bar is also recognized as Mil-W-3861 and ASTM-B-33 wire. AA59551 wire is composed of pure electrolytic soft drawn, solid copper which is properly annealed and tinned for quick soldering. This QQW343 tinned copper wiring may be used for winding of coils, antennas, point-to-point wiring and for ground wire applications.

rope lay wire is designed with bunched stranded members. Our Extra Flexible Copper Rope meets ASTM-B-33 and QQ-W-343 standards.

Allied's A-A-59551 / QQW343 Copper Buss Bar products are available in a wide range of AWG sizes to meet the needs of a variety of copper bus bar in sizes from 6 AWG to 36 AWG. QQW343 copper rope ranges from 4/0 to 16 AWG.

Don't see the AA59551 / QQ-W-343 products you need? Call one of our helpful sales representatives today at 800-472-4655.

Flat Braided Wire

Tinned Copper Buss Bar and Buss Wire

Tinned Copper Buss Bar and Buss Wire

Tinned Copper Buss Wire

Copper Bus Bar / Buss Bar

Mil-Spec A-A-59551 (Previously TYPE QQ-W-343)
MIL-W-3861, ASTM-B-33 Bussbar

Copper Buss Bar / Copper Bus Bar Industry Approvals and Specifications:

This buss wire is rated to Military Specification A-A-59551 (previously Type QQ-W-343).
Copper bus bar is also known as MIL-W-3861 and ASTM-B-33 wire.
Copper Buss Bar / Copper Bus Bar Description and Applications:

Copper buss bar / copper bus bar is composed of pure electrolytic soft drawn, solid copper that has been properly annealed and tinned for quick soldering. This buss wire is available in sizes ranging from 36 AWG to 6 AWG. Tinned copper bussbar may be used for the winding of coils, for antennas, for component leads, for point to point wiring and for ground wire applications.

Part Number	AWG Size	Nom. O.D. (in)	Nom. Circular Area (Mils)	Approx LBS/MFT
BUSS36	36	0.005	25	1
BUSS34	34	0.006	40	1
BUSS32	32	0.008	63	1
BUSS30	30	0.01	105	1
BUSS28	28	0.013	160	1
BUSS26	26	0.016	254	1
BUSS24	24	0.02	404	2
BUSS22	22	0.025	643	2
BUSS20	20	0.032	1021	3
BUSS18	18	0.04	1624	5
BUSS16	16	0.051	2583	8
BUSS14	14	0.064	4106	13
BUSS12	12	0.081	6530	20
BUSS10	10	0.102	10384	31
BUSS8	8	0.129	16512	50
BUSS6	6	0.162	26244	80

Extra Flexible Copper Rope QQ-W-343

Sample Shown: NER79530T Flexible Copper Rope
Extra Flexible Copper Rope QQ-W-343
Uninsulated, Tinned

ASTM-B-33
Mil Spec Wire

QQ-W-343 Copper Rope Conductors:

Individual strands are soft-drawn tinned copper

Rope lay having bunched stranded members

QQ-W-343 Copper Rope Approvals:

QQ-W-343 Type R

Individual strands QQ-W-343 Type S

ASTM-B-33

Part Number	AWG Size	Conductor Strandin	Nom. O.D. (in)	Construction	Nom. Circular Area (Mils)
NER73740T	16	259/40	0.062	7 x 37/40	2561
NER72436T	14	168/36	0.086	7 x 24/36	4200
NER73736T	12	259/36	0.105	7 x 37/36	6475
NER79540T	12	665/40	0.104	7 x 95/40	6576
NER75936T	10	413/36	0.13	7 x 59/36	10325
NER715040T	10	1050/40	0.13	7 x 150/40	10382
NER79536T	8	665/36	0.166	7 x 95/36	16625
NER715036T	6	1050/36	0.204	7 x 150/36	26250
NER193534T	6	665/34	0.214	19 x 35/34	26434
NER195634T	4	1064/34	0.267	19 x 56/34	42294
NER773436T	4	1666/36	0.29	7 x 7 x 34/36	41650
NER772734T	3	1323/34	0.336	7 x 7 x 27/34	52589
NER71924T	3	133/24	0.302	7 x 19/24	53732
NER773434T	2	1666/34	0.339	7 x 7 x 34/34	66224
NER79530T	2	665/30	0.335	7 x 95/30	68900
NER774334T	1	2107/34	0.375	7 x 7 x 43/34	83753
NER194430T	1	836/30	0.377	19 x 44/30	84018
NER775434T	1/0	2646/36	0.437	7 x 7 x 54/34	105179
NER1972534T	2/0	3325/34	0.525	19 x 7 x 25/34	132169
NER1975136T	3/0	6783/36	0.611	19 x 7 x 51/36	167575
NER1973234T	3/0	4256/34	0.555	19 x 7 x 32/34	169176
NER1974034T	4/0	5320/34	0.64	19 x 7 x 40/34	211470
NER774330T	4/0	2107/30	0.627	7 x 7 x 43/30	211754