

Bus Bar Wire - Tinned or Bare



Construction: **Conductors:** Annealed Tinned Copper. **Insulation:** Electrolytic Tough Pitch copper feed stock.



Use in networks which use a common backbone to connect all devices. Widely used in various areas of industry for the communication of information with automation systems and equipment. Also used in the areas of control and automation.

Features:

- 100% Electrical Conductivity (IACS).
- Flexible, easily shaped and contoured into place.
- Easily welded and soldered.

Technical Data:

Temperature:

Rated Voltage:

Color Code: Replace the X
 0-Black, 1-Brown, 2-Red,
 3-Orange, 4-Yellow, 5-Green,
 6-Blue, 7-Violet, 8-Gray, 9-White,
 54-Green/Yellow

Approvals:
 CID AA-59551 Type S
 ASTM B33

Part Number	AWG	Nominal Outer Diameter Inches	Cross Sectional (mils)	Resistance @ 20°C Nom Wire	Part Number	AWG	Nominal Outer Diameter Inches	Cross Sectional (mils)	Resistance @ 20°C Nom Wire
BW-44-X	44	0.0020	4.00	0.36	BW-22-X	22	0.0253	640	59.35
BW-42-X	42	0.0025	6.25	0.56	BW-21-X	21	0.0285	812	75.30
BW-41-X	41	0.0028	7.84	0.70	BW-20-X	20	0.0320	1024	94.97
BW-40-X	40	0.0031	9.61	0.86	BW-19-X	19	0.0359	1289	119.5
BW-39-X	39	0.0035	12.27	1.10	BW-18-X	18	0.0403	1624	150.6
BW-38-X	38	0.0040	16.00	1.44	BW-17-X	17	0.0453	2052	190.3
BW-37-X	37	0.0045	20.25	1.82	BW-16-X	16	0.0508	2581	239.3
BW-36-X	36	0.0050	25.00	2.25	BW-15-X	15	0.0571	3260	302.2
BW-35-X	35	0.0056	31.36	2.82	BW-14-X	14	0.0641	4109	381.0
BW-34-X	34	0.0063	39.69	3.57	BW-13-X	13	0.0720	5184	480.8
BW-33-X	33	0.0071	50.41	4.53	BW-12-X	12	0.0808	6529	605.3
BW-32-X	32	0.0080	64.00	5.75	BW-11-X	11	0.0907	8226	762.8
BW-31-X	31	0.0089	79.21	7.11	BW-10-X	10	0.1019	10383	962.5
BW-30-X	30	0.0100	100	8.99	BW-9-X	9	0.1144	13087	1226
BW-29-X	29	0.0113	128	11.59	BW-8-X	8	0.1285	16512	1547
BW-28-X	28	0.0126	159	14.41	BW-7-X	7	0.1443	20822	1951
BW-27-X	27	0.0142	202	18.30	BW-6-X	6	0.1620	26244	2459
BW-26-X	26	0.0159	253	22.95	BW-5-X	5	0.1819	33088	3100
BW-25-X	25	0.0179	320	29.09	BW-4-X	4	0.2043	41738	3911
BW-24-X	24	0.0201	404	37.45	BW-3-X	3	0.2294	52624	4931
BW-23-X	23	0.0226	511	47.37	BW-2-X	2	0.2576	66358	6215

Specifications subject to change. For complete specifications and availability visit www.lapptannehill.com