



Datasheet

RS Hookup Wire

RS Stock No: **382-822**
382-844
382-838
382-854
382-850
382-832

- Industrial Cable.
- Modified crosslinked polyolefin with UL/CSA rating of 150°C.
- Will withstand varnish bake temperatures of 190°C for motor lead applications and also short term exposure to 250°C.
- Black sheath.
- Approvals: UL3288/3289; CSA 1503 600V 150°C.

METRIC - TIN PLATED COPPER CONDUCTORS

Conductor area mm ²	Conductor strand mm	Conductor diameter mm	Insulation thickness mm	Overall diameter nom mm	Current rating amp (max)*
0.25	19/0.13	0.65	0.80	2.25	13
0.50	16/0.20	0.93	0.80	2.53	16
0.75	24/0.20	1.14	0.80	2.74	23
1.00	32/0.20	1.32	0.80	2.92	26
1.50	30/0.25	1.60	0.80	3.20	35
2.50	50/0.25	2.07	0.80	3.67	50
4.00	56/0.30	2.60	0.80	4.20	69
6.00	84/0.30	3.19	0.80	4.79	93
10.00	80/0.40	4.20	1.20	6.60	137
16.00	126/0.40	5.70	1.60	8.90	182
25.00	196/0.40	7.10	1.60	10.30	243
35.00	278/0.40	8.50	1.60	11.70	300
50.00	399/0.40	10.30	2.00	14.30	378
70.00	361/0.50	12.40	2.00	16.40	459
95.00	475/0.50	14.50	2.00	18.50	580
120.00	608/0.50	16.0	2.00	20.00	700

* Based on 40°C ambient with 110°C conductor rise due to current