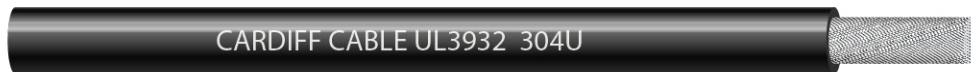


UL3932 125°C 2000V 304U



Application

Cardiff Cable's UL3932 304U single core wire is UL & CUL certified and suitable for the North American market. It is widely used in high-voltage electrical connections within industrial and residential electrical equipment, including electrical cabinet connectors and control rooms. It can also be used for connections in inverters and battery packs. The product offers enhanced flexibility, ease of installation, and space-saving benefits.

Construction

Conductor	Composed of finely stranded bare copper or tinned copper wires, conforming to UL758 and UL1581 standards.
Insulation	Made from a special XLPE compound.
Insulation Color	According to Cardiff Cable's standard specifications.

Technical Data

Rated Voltage	2000V UL & CUL
Test Voltage	5000V
Operating Temperature	For flexible installation: -15°C to +105°C For fixed installation: -40°C to +105°C
Minimum Bending Radius	Cross-sectional area < 6 AWG: 4 times the cable's outer diameter Cross-sectional area > 6 AWG: 8 times the cable's outer diameter
Insulation Resistance	≥ 20M Ω · km (at 20°C)
Flame Retardancy	Complies with VW-1, FT1, and FT2 standards
Environmental Requirements	Complies with RoHS standards

Order Number	Conductor Cross-Section (AWG)	Approx. Outer Diameter (mm)	Approx. Weight (kg/km)	Order Number	Conductor Cross-Section (AWG)	Approx. Outer Diameter (mm)	Approx. Weight (kg/km)
304 00026 ***	26	2.1	6.1	304 00004 ***	4	9.6	262.4
304 00024 ***	24	2.2	7.3	304 00002 ***	2	11.4	395.6
304 00022 ***	22	2.4	9.0	304 00001 ***	1	12.9	502.7
304 00020 ***	20	2.5	11.4	304 00101 ***	1/0	14.1	622.4
304 00018 ***	18	2.8	15.0	304 00201 ***	2/0	15.4	767.6
304 00016 ***	16	3.1	20.8	304 00301 ***	3/0	17.1	958.6
304 00014 ***	14	3.5	29.6	304 00401 ***	4/0	18.7	1187.0
304 00012 ***	12	4.0	42.7	304 00250 ***	250	20.6	1418.3
304 00010 ***	10	4.8	66.9	304 00300 ***	300	22.1	1674.7
304 00008 ***	8	6.4	111.3	304 00350 ***	350	23.5	1954.5
304 00006 ***	6	8.2	178.4	304 00400 ***	400	24.8	2222.6

Remarks:

** represent the core color

000 Green/Yellow	001 Black	002 Blue	003 Brown	004 Red	005 White	006 Grey
007 Purple	008 Pink	009 Orange	010 Transparent	011 Yellow	012 Green	013 Dark Blue