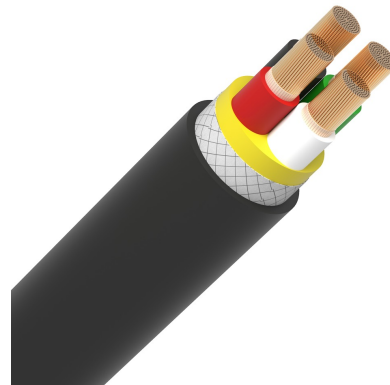


Type W UL 1650

Mining cable for heavy-duty and flexible power supply routes

Type W UL 1650 is prepared for preliminary product selection and quotation review. This product is used in mining and heavy industry where flexibility, abrasion resistance, mechanical stress and operating environment must be reviewed carefully.



VOLTAGE

2000V

CONDUCTOR

Tinned copper conductor route, confirmed by technical table

TYPICAL USE

Mining equipment

STANDARDS

UL 1650; ICEA S-75-381

DATA SCOPE

1 technical table(s) included for preliminary selection

SELECTION NOTE

Confirm voltage, flexibility, sheath material, flame rating and mechanical stress.

For quotation review, provide cable type, standard, size, quantity and project destination.

ethan@farwalkcable.com | +86 155 5800 6344

Application & Selection Summary

Typical applications

- Mining equipment
- mobile power supply
- tunneling and heavy-duty industrial routes
- flexible connection for harsh operating environments.

Selection logic

- Confirm voltage grade, conductor size, flexibility requirement, sheath material, flame performance and mechanical stress condition before quotation.

Construction Overview

Item	Website-ready content
Product route	Flexible conductor with rubber insulation and heavy-duty sheath. Shielding, pilot core or reinforcement depends on the product type and application.
Voltage	2000V
Conductor	Tinned copper conductor route, confirmed by technical table
Standards	UL 1650; ICEA S-75-381
Confirmation	Final structure, dimensions and packing should follow selected standard, quotation review and order specification.

Readable Data Index

Data route	Size / rating range	Construction	Diameter / OD	Resistance / weight / rating
4-Conductor Type W - 2000 Volts (Portable Power)	8 AWG - 500 kcmil	See table	See table	2.14 - 0.07

Data boundary: these tables support website launch, quotation review and preliminary product selection. For project execution, final dimensions, electrical performance, packing and compliance documents should be confirmed against the selected project standard and order specification.

4-Conductor Type W - 2000 Volts (Portable Power)

Reference table for preliminary selection and quotation review.

Size (AWG / kcmil)	Approx. OD (mm)	Approx. Weight (kg/km)	Ampacity @ 90°C	Min. Bending Radius (mm)	Max. Cond. Resistance (Ω /km)
4-Conductor Type W - 2000 Volts (Portable Power)					
8 AWG	25.2	910	65	150	2.14
6 AWG	29.8	1250	87	180	1.35
4 AWG	34.5	1880	114	210	0.85
2 AWG	41.8	2750	152	250	0.54
1/0 AWG	49.5	4250	202	300	0.34
2/0 AWG	53.8	5150	234	325	0.27
4/0 AWG	62.2	7650	315	375	0.17
500 kcmil	89.5	18250	650	540	0.07