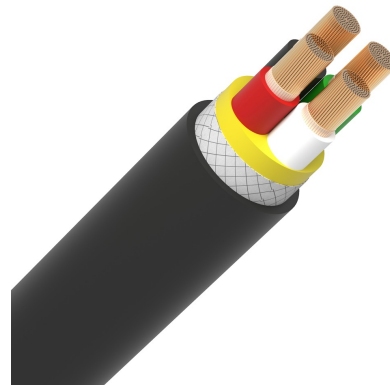


Type W CSA C22.2 No.96

Mining cable for heavy-duty and flexible power supply routes

Type W CSA C22.2 No.96 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

CAN/CSA C22.2 No. 96

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.

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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	CAN/CSA C22.2 No. 96
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
Type W CSA C22.2 No.96 - Technical Table 1	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.

Type W CSA C22.2 No.96 - Technical Table 1

Reference table for preliminary selection and quotation review.

Size (AWG / kcmil)	Approx. OD (mm)	Approx. Weight (kg/km)	Ampacity @ 90°C	Max. Cond. Resistance (Ω /km)
8 AWG	25.2	910	65	2.14
6 AWG	29.8	1250	87	1.35
4 AWG	34.5	1880	114	0.85
2 AWG	41.8	2750	152	0.54
1/0 AWG	49.5	4250	202	0.34
2/0 AWG	53.8	5150	234	0.27
4/0 AWG	62.2	7650	315	0.17
500 kcmil	89.5	18250	650	0.07