

Type W EPR Insulated, CPE Jacketed

2 kV

CME[®]
wire and cable

A Viakable Company

Features

Certify by MSHA and UL listed.

Meets all requirements of ICEA S-75-381.

Reformulated compounds suitable for CV curing, developed to meet the high level of physical properties required in service.

Flame, abrasion, sunlight, oils, solvents, acids and ozone resistant.

-40 °C Rating CPE Jacket.

Application

Type W is a portable or fixed power cable used in mining and industrial applications where high reliability is required.

For use in wet or dry locations, installed in conduits, ducts or trays and sunlight exposed.

Standards

ICEA S-75-381/NEMA WC-58

Portable and Power Feeder Cables for Use in Mines and Similar Applications.

CFR Title 30 Federal Regulations.

MSHA 7K-228054

Specifications

Maximum operating voltage:

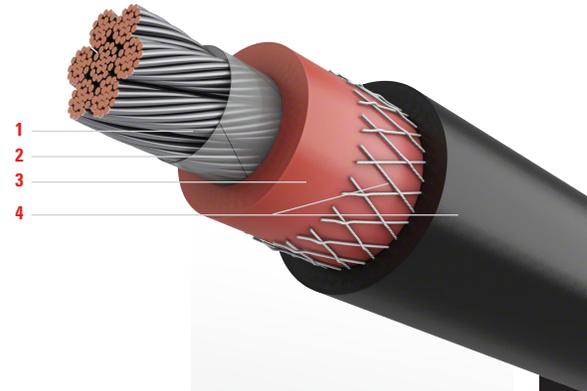
- 2 kV

Maximum conductor operation temperature:

- 90 °C wet or dry locations under normal operating conditions.

Engineering Information

1. Conductor: Soft or annealed tinned coated copper conductor, rope lay flexible stranding per ASTM B172. **Conductors** 1/0 and larger are class I stranding and conductors #1 and smaller are class H stranding.



2. Separator: A separator may be applied over the conductor.

3. Insulation: High quality, heat, moisture, ozone and, thermosetting ethylene propylene rubber (EPR) meeting ICEA S-75-381.

4. Jacket: Black heavy duty chlorinated polyethylene (CPE) compound, applied in one layer over a fibrous reinforcement layer.

Markings: Ink printed type.

Technical Data

Type W EPR Insulated

Conductor Size	Number of Strands	Size of Each Strand	Nominal Insulation Thickness	Maximum Overall Diameter	Approximate Total Weight
AWG or kcmil		AWG	mil	in	lb/kft
8	133	29	60	0.47	134
6	133	27	60	0.54	188
4	259	28	60	0.60	255
2	259	26	60	0.69	363
1	259	25	80	0.77	457
1/0	259	24	80	0.81	531
2/0	329	24	80	0.86	638
3/0	413	24	80	0.92	766
4/0	532	24	80	0.98	921
250	608	24	95	1.09	1089
300	741	24	95	1.15	1277
350	855	24	95	1.21	1452
500	1221	24	95	1.37	1996
600	1480	24	110	1.52	2439
750	1850	24	110	1.64	2970
800	1961	24	110	1.68	3138
900	2220	24	110	1.75	3501
1000	2440	24	110	1.82	3824

The above data are approximate and subject to normal manufacturing tolerances. Where required, the compatibility with glands, connectors and accessories should be verified using actual dimensions of the product. Other sizes available upon request.

Ampacities: Refer to beginning of section.