

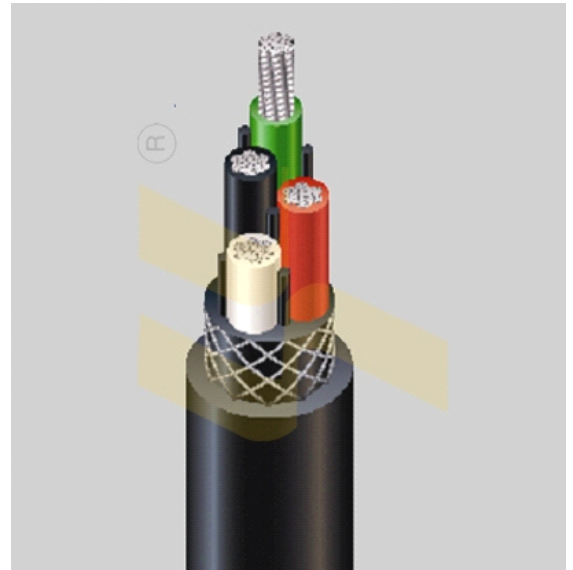
EPR Insulated Portable Mining Cable, Type W



Construction

1-core: The flexible rope stranded, tin-coated copper conductor is insulated with ethylene-propylene rubber (EPR) and sheathed with heavy duty two layers of black neoprene or Hypalon, with reinforcement braid of rayon fiber cord between the layers.

Multi-core: The tin-coated copper conductor is insulated with ethylene-propylene rubber (EPR). Two to five conductors are cabled together with extruded rubber fillers and sheathed with heavy duty two layers of black neoprene or Hypalon, with reinforcement braid of rayon fiber cord between the layers.



Application : Type W cable is suitable for use in mining machines, locomotives, power supply lead on A.C. welders, motor leads, generator leads and grounding cable.



Rated Voltage: 600V/2000 V.



Operating Temperature: Max permissible continuous operating temperature of conductor shall not exceed 90°C.



Bending Radius: 6D, D = Actual outer diameter of cable (mm)



Standard: ASTM B-172 and ASTM B-33, ICEA S-68-516, NEMA WC-8 or other standards required by customers.



Packing: Steel/wooden reel, wooden reel or steel reel.

Type, Description and Supply Range

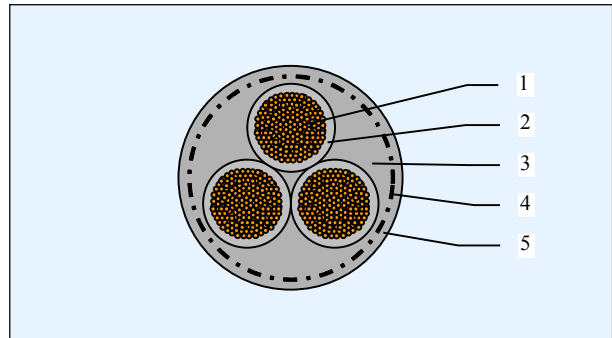
Type	Description	Supply Range		
W	Type W tin-coated conductor EPR insulated heavy duty two layer Hypalon or neoprene sheathed mining cable	1-core	3-core	2-core, 4-core, 5-core
		8 to 4/0 AWG 250 to 1000MCM	8 to 4/0 AWG 250 to 500MCM	8 to 4/0 AWG

EPR Insulated Portable Mining Cable, Type W, 1-core

No. of cores	Size	No. of Strands	Approx. Overall Diameter	No. of cores	Size	No. of Strands	Approx. Overall Diameter
	AWG or MCM		inch		AWG or MCM		inch
1	8	133	0.44	1	4/0	427	0.93
1	6	259	0.51	1	250	427	1.03
1	4	259	0.57	1	350	427	1.15
1	2	259	0.66	1	500	427	1.31
1	1	259	0.74	1	600	427	1.40
1	1/0	259	0.77	1	750	703	1.58
1	2/0	259	0.82	1	1000	1159	1.76
1	3/0	427	0.87	1	---	---	---

Portable Mining Cable, Type W

1. Tin-coated copper conductor
2. EPR insulation
3. Extruded rubber filler
4. Rayon cord braid reinforcement
5. Neoprene or Hypalon sheath



EPR Insulated Portable Mining Cable, Type W

No. of Cores	Size	No. of Strands	Approx. Overall Diameter	No. of Cores	Size	No. of Strands	Approx. Overall Diameter
	AWG or MCM		inch		AWG or MCM		inch
2	8	133	0.81	3	350	427	2.68
2	6	259	0.93	3	500	427	3.03
2	4	259	1.08	4	8	133	0.99
2	2	259	1.27	4	6	259	1.10
2	1	259	1.44	4	4	259	1.27
2	1/0	259	1.52	4	2	259	1.48
2	2/0	259	1.65	4	1	259	1.68
2	3/0	427	1.77	4	1/0	259	1.79
2	4/0	427	1.92	4	2/0	259	1.93
3	8	133	0.91	4	3/0	427	2.07
3	6	259	1.01	4	4/0	427	2.26
3	4	259	1.17	5	8	133	1.07
3	2	259	1.34	5	6	259	1.21
3	1	259	1.51	5	4	259	1.40
3	1/0	259	1.65	5	2	259	1.61
3	2/0	259	1.75	5	1	259	1.88
3	3/0	427	1.89	5	1/0	259	1.96
3	4/0	427	2.04	5	2/0	259	2.13
3	250	427	2.39	5	3/0	427	2.26
3	300	427	2.56	5	4/0	427	2.46