

6AWG 5/C Type W Portable Power Cable

2000V, 90°C



PRODUCT DATA SHEET

Type W Cable is a durable, heavy-duty portable power cable for use outdoors in industrial and mining applications. Cables have thick synthetic rubber insulation and an oil, chemical, and water-resistant jacket. It has good impact and abrasion resistance and a voltage rating 2000V.

Design Number 10965
Part Number 6000004374
Customer Number N/A

CONSTRUCTION

Conductor: Annealed plain copper rope lay stranded acc. to ASTM B172

Conductor Size: 6AWG(13.3 Sqmm)

Insulation Material: EPDM Compound

Insulation Thickness: 0.060"(Nom.)

Lay Up: Cores laid up together and taped with suitable binder tape (if required)

Reinforcement: Reinforcing binder with twine applied over core

Jacket Material: CPE Compound (Sunlight Resistant)

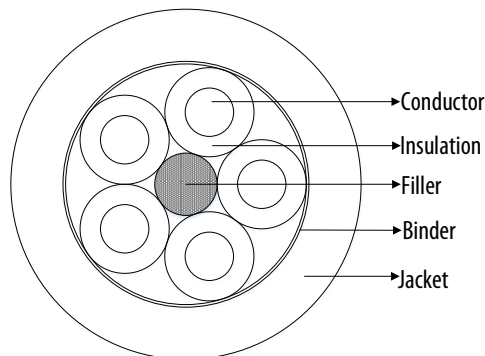
Jacket Thickness: 0.14"(Nom.)

Overall Diameter: 1.21"±0.06"

Jacket Color: Black

Print Legend:

ASCENT E546463 (UL) 6AWG 5/C TYPE W PORTABLE POWER CABLE 2000V 90°C
SUN RES OIL RES 90°C WET OR DRY C(UL) FT1 FT5 (-40°C) YEAR XXXXXM



Color Code: Black, White, Red, Green, Orange

ELECTRICAL CHARACTERISTICS

Operating Temperature (°C): 90°C

Voltage Rating: 2000 V

Max DC Resistance@20°C : 1.38 Ω/km

Continuous Current Rating in Air at 30 °C (From NEC Table 400.5(A)(2)): 70 Amps.

Short Circuit Rating of Conductor for 1 sec.: 1.90 kA

Recommended Min. Bending Radius: 10 x Overall Diameter of Cable

Max. Safe Pulling Force: 1.5 Kg/mm²

Approx. Weight of finished Cable: 1540 Kg/Km

SAFETY CHARACTERISTICS

UL listed as Type W per UL standard 1650

Tested according: CSA C22.2 No. 96, Edition 12

RoHS Compliant

Application: Suitable for use in Industrial and light-to-medium mining applications, heavy-duty service and temporary as power supply cables. Motor, battery and generator leads. Also used for mobile and portable electrical equipment

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Revision History		
00	2025/03/06	Initial Release
Created L. Jian	Approved T.Plochocki	

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