

TEMPORARY JUMPER CABLE

Single Conductor, 90°C Dry Locations Only, 15kV EPR Insulation, Non-Shielded



Image not to scale. See Table 1 for Dimensions

CONSTRUCTION:

Conductors: Flexible Concentric Ropelay modified stranding per ASTM3, B173

Insulation: Ethylene Propylene Rubber (EPR)

Assembly: A conductor shield is applied just under the insulation

APPLICATIONS AND FEATURES:

Southwire Temporary Jumper cables are intended for use as power leads to by-pass portions of aerial power lines. They are also used in equipment where a non-shielded cable is required.

Access to these cables are limited to authorized personnel.

SPECIFICATIONS:

- ASTM B3, B173

SAMPLE PRINT LEGEND:

2/0 AWG 5/15KV JUMPER CABLE SOUTHWIRE{R}

TABLE 1 - WEIGHTS & MEASUREMENTS

Stock Code	Cond. Size (AWG)	No. of Strands	Nominal Conductor OD (mils)	Nominal Insulation Thickness (mils)	Nominal OD (mils)	Nominal Weight (Lbs/Mft)	5kV Ampacity: 40°C Ambient Air Temp.
569424XX	2	168	310	200	732	433	195
569423XX	1/0	259	385	200	809	544	260
569425XX	2/0	324	432	200	844	645	300
569487XX	4/0	532	535	200	1020	962	400
569427XX	350	855	655	215	1122	1414	550
569428XX	500	1221	858	215	1312	1934	685

All dimensions are nominal and subject to nominal manufacturing tolerances

5000 Volt Ampacities are based on Table 310.60(C)(69) of the NEC, 2014 Edition. Allowable Ampacities of Insulated Single Copper Conductor Isolated in Air Based on Conductor Temperature of 90°C and Ambient Air Temperature of 40°C.



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