

PRODUCT SPECIFICATION



TYPE: 5/15 kV Non-shielded Electrical Equipment Cable
 Ethylene Propylene Covering

SIZE: 4 AWG – 500 KCMil – Single Conductor

I. SCOPE:

This specification covers a 5/15 kV single conductor electrical equipment cable for use in dry locations only.

Construction consists of a stranded bare copper conductor, semi-conducting tape, and EPR covering.

II. USE:

Electrical Equipment Cable is used as power leads in switchgear and other electrical equipment. Electrical equipment manufacturers are required to perform their own qualification tests and production tests to qualify this cable for use in their application – and to applicable industry standards. *No representations and warranties are made by Southwire as to fitness for a specific purpose or use.*

These cables shall be located in areas where only qualified personnel will have access. Prolonged contact with grounded surfaces and sharp bends must be avoided.

II. CONSTRUCTION DATA:

Southwire Stock Number	Size (AWG/KCMIL)	Stranding	Cond. OD* (In.)	Insulation Thickness* (mils)	Nominal OD* (In.)	Ampacity**
---	4	105	0.235	210	0.675	150
569424	2	168	0.310	210	0.753	195
---	1	259	0.375	210	0.800	225
569423	1/0	259	0.380	210	0.810	260
569425	2/0	259	0.474	210	0.883	300
569487	4/0	532	0.535	210	0.977	400
569427	350	855	0.670	210	1.122	550
569428	500	1221	0.860	210	1.310	685

* All values should be considered nominal and subject to normal manufacturing tolerances.

** Ampacities are based on single conductor cables isolated in air, conductor temperature of 90 °C and ambient air temperature of 40 °C per Table 310.60(C)(69) of the 2014 NEC.

- A. CONDUCTOR:**
Stranded bare annealed copper conforming to ASTM B-172 and B-3. A semi-conducting tape is applied directly over the conductor.
- B. PRIMARY COVERING:**
Ethylene Propylene Rubber conforming to ICEA S-96-659
- C. SAMPLE PRINT**
2 AWG 5/15KV JUMPER CABLE Southwire
- D. LEGAL DISCLAIMER:**
Southwire disclaims all liability for any failures in use in the special switchgear application, or any use not in accordance with applicable industry standards.

Customer will be responsible for proper safety precautions and training of the personnel that will handle this unshielded cable in the switchgear application. Southwire disclaims all liability in connection with the training of personnel as referred above. Customer will defend and hold harmless Southwire in connection with any claims or lawsuits against Southwire in connection with this section herein.