

Transformer Riser Wire

Copper Transformer Riser Wire. Black Polyethylene Covered.
Solid or Stranded Soft Drawn Copper Conductor.



APPLICATIONS

Used on transformers as connection between line conductor and transformer primary bushing in applications where protection from momentary contact from wildlife is needed. Although not treated as an insulation, the covering on transformer riser wire does provide an increased level of protection from momentary grounded contacts caused by wildlife, excessive wind and tree limbs or other grounded objects in the proximity of the high voltage lead. May be used on distribution system voltages up to 35kV line-to-line.

SPECIFICATIONS

Southwire's transformer riser wire meets or exceeds the following ASTM specifications:

- B 3 Soft or Annealed Copper Wire
- B 8 Concentric-Lay-Stranded Copper Conductors, Hard, Medium-Hard, or Soft.

Southwire's transformer riser wire also meets all applicable requirements of ANSI/ICEA S-70-547.

CONSTRUCTION

Conductors are solid or stranded soft drawn copper. Stranded conductors are concentrically stranded, compressed. The covering is high molecular weight polyethylene, black. Standard conductor sizes are AWG 8, AWG 6 and AWG 4, however larger sizes are available upon request. Available in hand coils, spools or reels.

Size (AWG)	Stranding	Covering Thickness (mils)	Diameter (mils)		Weight per 1000 ft. (lbs)
			Bare	Covered	
8	Solid	110	128.5	348.5	83
6	Solid	110	162.0	382.0	117
4	Solid	110	204.3	424.3	170
8	7	110	142.0	362.0	87
6	7	110	178.0	398.0	123
4	7	110	225.0	445.0	178
2	7	110	283.0	503.0	263