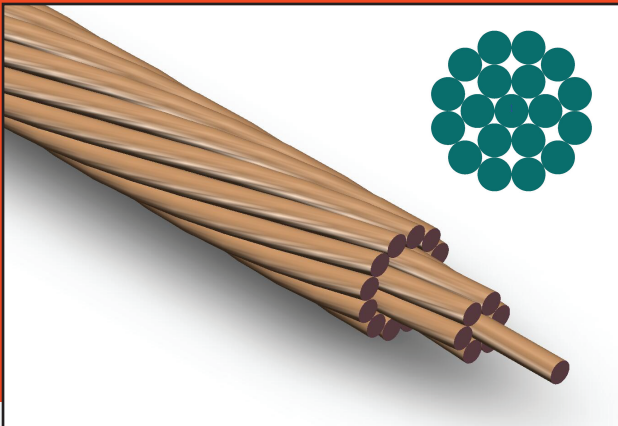
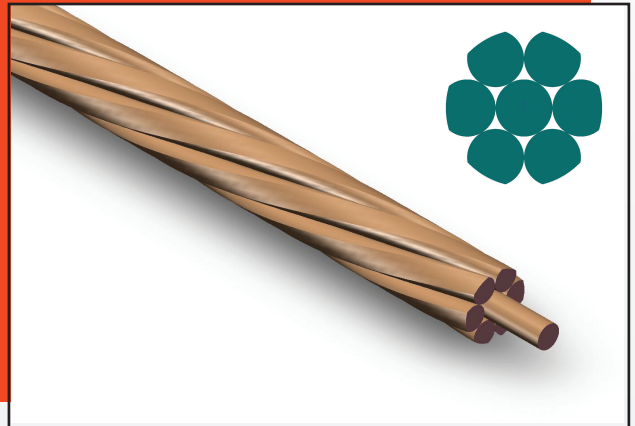


Concentric Lay Stranded Conductors

Concentric Stranded Conductors are constructed with a central core wire, surrounded by one or more layers of helically laid wires with each successive layer alternating in direction, uni-directional or unilay.



19-Strand Unilay



7-Strand Concentric Compressed

Filowire is equipped with Double Twist Bunching Machines therefore is limited to Unilay. We are currently unable to produce Multi-directional lay conductors.

Product Specifications:

- Bare Copper and Tin Platted Copper
- AWG and Metric IEC sizes
- Compressed and Non-compressed
- Water-Blocking compound application

Constructions: 7, 19, 37 Strands

Lay Lengths: ASTM B8 suggested range of 6 to 18 times conductor O.D. or by customer specification.

Lay Direction: Left or Right Hand

AWG Conductor Size Range: 16 to 2/0 AWG

Metric Cross-Section Range: 0.75 to 75mm²

Water-Blocking compound as specified by customer requirements

Applied Guidelines:

- ASTM B8 - Concentric-Lay-Stranded Copper Conductors, Hard, Medium-Hard, or Soft
- ASTM B3 - Specification for Soft or Annealed Copper Wire
- ASTM B33 - Specification for Tinned Soft or Annealed Copper Wire for Electrical Purposes
- IEC 60228 - Conductors of insulated cables
- **Also manufactured to individual customer specifications**