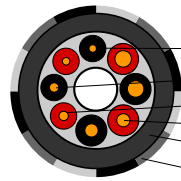


## TYPE 8

### SPEAKER CABLES: CIRCULAR ARRAY SERIES



#### CIRCULAR ARRAY DESIGN

Overall: 2 x 12 AWG (3.30 mm<sup>2</sup>)

- 2 x 20 AWG Solid **Perfect-Surface Copper** (PSC) Conductors
- 2 x 19 AWG Solid **Long-Grain Copper** (LGC) Conductors
- 2 x 18 AWG Solid **LGC** Conductors
- 2 x 16 AWG Solid **LGC** Conductors
- Dark-Gray PVC Jacket (UL CL3 rated)
- Nylon Braid - Black/Gray/Silver

**LONG-GRAIN COPPER/PERFECT-SURFACE COPPER:** Type 8 uses a carefully finessed combination of Long-Grain Copper (LGC) and extremely high purity Perfect-Surface Copper (PSC) conductors. All conductors are solid, which prevents strand interaction, a major source of distortion. Surface quality is critical because a conductor can be considered as a rail-guide for both the electric fields within a conductor, and for the magnetic fields outside the conductor. LGC has fewer oxides within the conducting material, less impurities, less grain boundaries, and definitively better performance. The astonishingly smooth and pure PSC further eliminates harshness and greatly increases clarity compared to OFHC, OCC, 8N and other coppers.

**CIRCULAR-ARRAY GEOMETRY:** The relationship between conductors defines some of a cable's basic electrical values (capacitance and inductance). Independent of these values, the relationship between conductors can be varied in ways that greatly effect performance. The circular-spiral construction of Type 8 allows for significantly better dynamic contrast and clarity than if the same conductors were run in parallel or as multiple twisted pairs.

**SPREAD SPECTRUM TECHNOLOGY (SST):** Any single size or shape of conductor has a characteristic distortion profile. Even though radially symmetrical conductors (solid round or tubular) have the fewest discontinuities, each size still has a sonic signature. Type 8 uses a precise combination of four different size conductors in order to significantly reduce the audibility of these character flaws.

**TERMINATIONS:** Superior AudioQuest connectors allow Type 8 to be securely attached to any type of equipment. AQ ends are dull looking because there is no harsh sounding shiny nickel layer underneath the silver (or gold). AQ PK-spade lugs are soft because pure stamped copper is much better than machined brass. For pieces requiring a banana plug or BFA connector the AQ PK-BFA/Banana provides unprecedented performance over conventional brass versions.

**BIWIRING:** When possible, running separate conductors or separate cables to the treble and bass "halves" of a speaker will considerably reduce distortion. The large magnetic fields associated with bass energy modulate a cable's electrical properties, thereby modulating/distorting the treble ... similar to the way waves in the ocean make it much harder to swim.

Type 8 may be used as a Single-BiWire cable by preparing Type 8 with four connections on the speaker end.. For maximum performance though, use two pair of Type 8 or a Double-BiWire set.

**DIRECTIONS:** The "breakouts" on either end of Type 8 are marked "Speaker End" or Amp End." Please use cables in the direction indicated.