

## Cable construction:

- Four 24 AWG stranded 100% oxygen free copper signal wires. Two per each half of the balanced pair, each individually insulated with polyethylene, and with a short lay length (higher number of twists than typical balanced microphone cable).
- Cotton fillers ensure correctly aligned, smooth and flexible cable, minimising handling noise.
- Highest quality shielding available in braided copper.
- Flexible and durable polyethylene jacket.

**Capacitance** (pf per meter, core to core) 148

### DC Resistance:

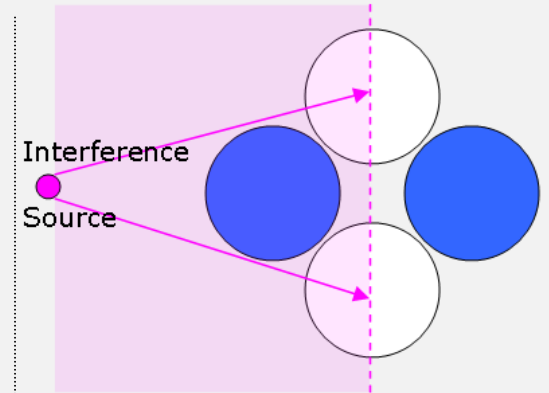
<b>Conductor</b> (ohms per km)	98
<b>Shield</b> (ohms per km)	20

## How it works

Balanced audio transmitted via a twisted pair works well when an even amount of interference is picked up on each conductor. However, for some interference sources, uneven amounts are picked up.

Starquad cable is essentially double-balanced to eliminate interference, even uneven interference.

The short lay length and parallel connection of each pair help to eliminate interference that normal twisted pair balanced microphone cables can't.



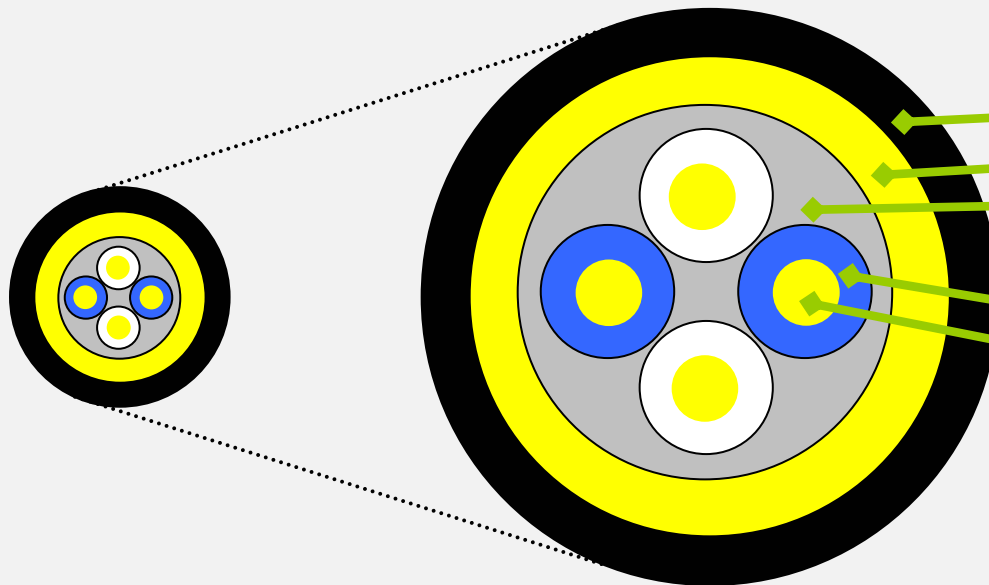
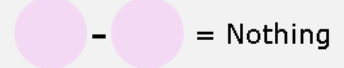
Total interference on blue pair:



Total interference on white pair:



**Result of balancing:**



### Outer layers:

**Jacket:** PVC (Black), 6mm diameter

**Shield:** Braided copper

**Filler:** Cotton

### Conductors:

**Jacket:** Polyethylene

**Conductor:** 4x 24 AWG 100% OFC