

# XT-ESW™ Litz Hearing Aids

## Avoid broken wires with ...



### ✓ Higher yield performance

Lower rejection rate from production due to wire breakage.

### ✓ Fewer claims from market

Fewer returned instruments from the market due to high reliability wires.

### ✓ Cost-savings

Fewer claims. High durability wires contribute to longer lasting products.

## The most powerful litz wire

XT-ESW litz wires are developed for high performance. Almost twice as strong as ESW litz wires, but still extremely flexible.

estron has developed XT-ESW litz wires based on the increased demand for stronger and more production safe wires. Stronger wires is the ideal solution to challenges in relation to; outsourcing of manufacturing and assembly, little space in instruments, and "moving parts".

## TESTs document the difference!

XT-ESW™ Litz and ESW™ Litz comparison  
- same overall diameter:

1. Increased tensile strength: XT-ESW is up to **81%** stronger than ESW
2. Bending test: XT-ESW has **97%** more flex-life than ESW
3. Bending in solder joint: XT-ESW performs **115%** better than ESW in durability

*Test results on request*

## Material Specifications

XT-ESW™: Silver-plated copper alloy wire  
 Design: Available in selected designs  
 Colors: Available in red, green, yellow  
 Length: Tightened tolerances  
 Compliance: RoHS, REACH  
 Short tinning: Available upon request

## Feedback from XT-ESW customers

**“Stronger wires means fewer claims”**

**“XT-ESW wires stand significantly more wire bending before breakage. Soldering strength is clearly improved, a great advantage in mounting processes with extensive manual handling of components.”**

Free samples on request - Contact us - [sales@estron.dk](mailto:sales@estron.dk)