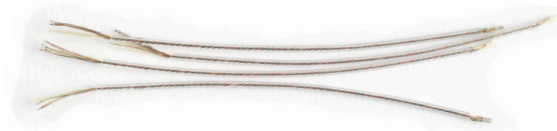


# High-tech micro cable for strong connections

**estron**

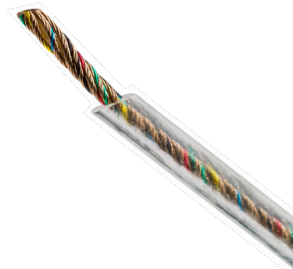


## Gain advantages with more conductors in less space

es-Linum® is a unique high-tech miniature cable, which enables up to 8 conductors while still maintaining a diameter of just Ø0.9mm. The cable is made from ESW™ - silver-plated copper wire and strengthening fibres. The unique construction of the es-Linum cable reduces sound waves and vibrations, minimising acoustic feedback. It is a superior alternative to traditional tubes for hearing aids and communication earpieces - for better sound performance, user comfort, and with a compact and durable design.



- Cable with 2, 3, 6 or 8 conductors
- Outer diameter of cable Ø0.9mm
- Highest quality and durability
- Excellent shape memory
- Discreet and ultra-light
- Prevent acoustic feed-back
- Twisted to reduce Electric Magnetic Interference
- Cut, stripped and pre-tinned, ready to use
- Available in soft and hard versions
- Braided (Ø1.1mm) and shielded (Ø1.4mm) options
- REACH & RoHS compliant



## Up to 8 conductors in micro cable without compromise

es-Linum is an extruded cable based on a concentric twist - a unique construction with a center of aramid fibres. Based on years of experience estron has developed a technique making it possible to extrude the insulation material (jacket) tightly around the litz wires, while still being able to strip the jacket without harming the conductors. Consequently we can offer up to 8 conductors in a standard cable with a diameter of just 0.9mm without compromising strength and durability. In custom solutions we can offer up to 14 conductors in a micro cable with a slightly larger diameter.

### Formable, stable and almost invisible

es-Linum is available in a soft version (shore 45d) and a hard version (shore 72d). Both types are formable and have excellent memory characteristics. Aramide fibres ensure high tensile strength. The colours are discreet, but colour coded for easy identification. The jacket is Pebax, which is translucent and UV-stabilised. The unique cable construction prevents oxidation, which means the cable never turns green.

### Origin and Applications

es-Linum was introduced in 2006, developed by estron for inner ear canal hearing instruments - RIC, BTE, ITE. The micro cable is tested and used for hearing and cochlear applications, and ideal for IEMs and communication earpieces, e.g. security and other industries, which require the highest quality. es-Linum is available cut, stripped and pre-tinned, and can be supplied with and without standard or custom plugs.

Contact us for further information, cable overview and specs: [sales@estron.dk](mailto:sales@estron.dk)

[www.estron.dk](http://www.estron.dk)