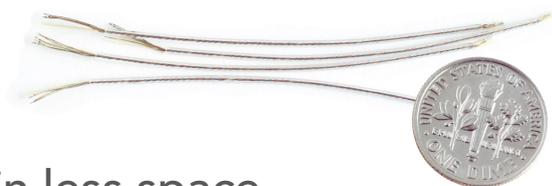


es-Linum[®]

High-tech micro cable

estron

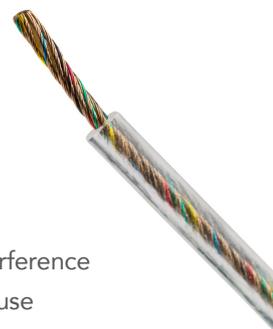


Gain advantages with more conductors in less space

es-Linum[®] is a high-tech miniature cable that accommodates up to 8 conductors in a diameter of just Ø0.9mm. Made from ESW[™] - silver-plated copper wire and strengthening fibres, its unique construction reduces sound waves and vibrations, minimising acoustic feedback. This makes it a superior alternative to traditional tubes for hearing aids and communication earpieces - delivering enhanced sound, user comfort, and a compact, 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
- Prevents acoustic feed-back
- Twisted to reduce electromagnetic 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



Innovative construction delivers ultra-thin, durable connections

es-Linum is an extruded cable featuring a concentric twist and an aramid fibre core. Based on years of experience, estron developed a method to tightly extrude insulation material (jacket) around litz wires, allowing the jacket to be stripped without damaging the conductors. This enables up to 8 conductors in a 0.9mm cable without compromising strength or durability. Custom solutions can accommodate up to 14 conductors in a slightly larger diameter.

Formable, stable and almost invisible

es-Linum comes in soft (shore 45d) and hard (shore 72d) versions. Both are formable and have excellent memory. Aramid fibres provide high tensile strength. Colours are discreet yet colour-coded for identification. The Pebax jacket is translucent (also available in matt-black), UV-stabilised, and prevents oxidation, ensuring the cable does not discolour over time.

Origin and Applications

Introduced in 2006 by estron for RIC, BTE, and ITE hearing instruments, es-Linum has been tested and used in hearing and cochlear applications. It is also ideal for IEMs and communication earpieces, including security and other industries that require premium quality. es-Linum is supplied pre-cut, stripped, and pre-tinned, and can be customised with standard or custom plugs.

Contact us for further information, cable overview, and specs: sales@estron.dk

www.estron.dk