

# ESW™ Litz wire

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## Applications

Hearing aids: Behind The Ear, In The Ear, Receiver In Canal

## Specifications

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### Product Specifications

|                           |  |
|---------------------------|--|
| Conductor:                | ESW™ Litz wire 7x32µm and 7x50µm variations available on request |
| L:                        | Custom defined. Min L= 6mm. Max L= 100mm                         |
| L1 + L2: (Tinning length) | 0.5mm +/- 0.2mm  |
| Tensile strength:         | 220-270 N/mm <sup>2</sup>  |

### Material Specifications

|             |   |
|-------------|---|
| Wire type:  | Silver-plated pure copper wire                                    |
| Insulation: | Polyurethane with nylon topcoat, Grade 2, heavy built             |
| Heat index: | 158°C (20.000h IEC 60172)   |
| Colors:     | Red, Blue, Yellow, Green and Black, Skin - Skin color with tracer |
| Solder:     | SAC 305   |

### Electrical Specifications

|                        |  |
|------------------------|--|
| Resistance:            | 7x32µm - 2.81Ω/m at 20°C (Nom)<br>7x50µm - 1.15Ω/m at 20°C (Nom) |
| Insulation resistance: | > 1MΩ/meter  |

### Compliance

RoHS  
REACH