

ESW™ Litz wire



Applications

Hearing aids: Behind the Ear, In the Ear, Receiver in Canal

Specifications

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 single wire:	Min 210 N/mm ²

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 - 3.31Ω/m at 20°C (Nom) 7x50µm - 1.34Ω/m at 20°C (Nom)
Insulation resistance:	> 1MΩ/meter

Compliance

RoHS
REACH