

# XT-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:	XT-ESW™ Litz wire Standard 12x25µm, 7x40µm, 10x40µm (variations available on request)
L:	Custom defined. (Min L= 6mm. Max L= 100mm)
L1 + L2: (Tinning length)	0.5mm ± 0.2mm Custom specifications available on request
Tensile strength single wire:	Min 365 N/mm <sup>2</sup>

### Material Specifications

Wire type:	Silver plated copper alloy wire
Insulation:	Polyurethane with nylon topcoat, Grade 2, heavy built
Heat index:	158°C (20.000h IEC 60172)
Colors:	Red, Yellow, Green
Solder:	SAC 305

### Electrical Specifications

Resistance:	12x25µm – 3.62Ω/m at 20°C (Nom) 7x40µm - 2.35Ω/m at 20°C (Nom) 10x40µm – 1.67Ω/m at 20°C (Nom)
Insulation resistance:	> 1MΩ/meter

### Compliance

RoHS  
REACH