LEXCO 1.0MM RED/GOLD SPEAKER CABLE (SCI.0MRG)

Specific technical data, such as a formal datasheet for the proprietary **LEXCO 1.0MM RED/GOLD SPEAKER CABLE (SCI.0MRG)**, is not available in the search results. However, general specifications based on industry standards for similar speaker cables can be provided.

General Specifications

- **Product ID**: SCI.0MRG
- **Cable Type**: 2-Core Speaker Cable (figure-8 style, likely parallel webbed)
- **Conductor Size**: 1.0mm^2 cross-section per core
- **Conductor Material**: The specific material is not specified, but speaker cables typically use **bare copper (BC)** or **oxygen-free copper (OFC)** for optimal conductivity, or a more budget-friendly **copper-clad aluminum (CCA)**.
- **Sheath Material**: Likely **PVC (Polyvinyl Chloride)**, given its common use in such cables.
- **Sheath Color**: Transparent with one **red** core and one **gold** (or clear) core for polarity identification.
- **Rated Voltage**: Typically between **300/500V and 450/750V** for this type of general audio cable, according to similar product specifications.
- **Application**: Suitable for PA systems and home audio installations.

Typical Electrical Characteristics (Approximate for 1.0mm^2 Copper Cable)

While the exact figures for the LEXCO cable are unavailable, here are general estimates for 1.0mm^2 copper speaker cables:

- **Conductor Resistance**: Typically ranges around **14.8 Ω/km** (Ohms per kilometer) at 80°C for a 1.5mm^2 cable, so a 1.0mm^2 cable would have slightly higher resistance.
- **Capacitance**: Speaker cable capacitance is generally low. High-end pro cables may be around 65 pF/m, while standard cables can be higher.
- **Impedance**: Speaker cables for audio applications do not have a defined "characteristic impedance" in the same way as RF coaxial cables (e.g., 50 or 75

Ohm), but rather are part of a low-frequency system where the resistance and inductance matter most.