

SUPRA EFF AUDIO/LINE

High End Analogue Interconnect Cable

Gauge: 1x3x0.46mm² / AWG 21

Rev.date: 2026-05-06

Customs tariff no: 8544499390

Country of origin: Sweden

- Silver-plated tube lead & low inductance
- Low skin-effect contributes to improved high-frequency performance and signal integrity
- Individual conductors with aluminium shielding
- A multi-test winner

WHAT HI-FI?
SOUND AND VISION



EFF - Equalizes Frequency Flow - A multi test winner

Silver-plated tube lead multi-test winning analogue interconnect with high-end aspirations

Unimpeded transmission of even the finest details, at precisely the right moment, is the goal of all cable design. Traditional cable constructions, however, inevitably impose physical and electrical limitations that can affect signal integrity. A well-designed interconnect addresses the primary sources of distortion in alternating current transmission.

There are several approaches to this challenge, where our area of expertise—passive, low-distortion cable design—is among the most demanding. It requires careful physical arrangement of conductors, shielding, and dielectric materials in order to minimise unwanted electrical interactions such as capacitance, inductance, and phase shift across the audio frequency range.

EFF-I is one of Supra's most awarded products, for many very good reasons.

Suitable for analogue transmission in both balanced and single-ended mid- to high-end hi-fi applications.

CONSTRUCTION

Conductors (x2):	Silver-plated OFC copper wire (5N), 12 × 0.22 mm
Cross-section Area:	2x0.46mm ² / AWG 21
Insulation:	PE, blue & red. Twisted pair geometry
Screen:	Alu/PET foil individually wrapped, 100% coverage
Screen connection:	Tin-plated OFC drain wire, 19x0.127mm
Armoring:	Filler yarn
Jacket:	PVC GA78, round
Jacket thickness:	2 mm
Diameter:	7.8mm
Colour:	Ice blue (other colours upon request)
Marking:	SUPRA EFF > Made in Sweden > Meter mark
Weight:	68 kg/km
Packing:	Bobbin 50m (other lengths upon request)
Suitable plugs:	Supra PPX, PPSL & Swift XLR

EFF (Equalized Frequency Flow),

We cancelled the conductor center by spinning the lead strands on a plastic core, forming a tube shaped conductor with a wall thickness of 0.20 mm, well within the limits of the audible range because of the skin-effect. This forces equal impedance for all frequencies, hence minimal and equal influence on all frequency levels and phase resulting in a non-impact transmission of the music between hi-fi devices.



Skin-effect
20 Hz



Skin-effect
5000 Hz



Skin-effect
20000Hz

ELECTRICAL SPECIFICATIONS

Resistance:	38 ohm/km
Capacitance:	70 pF/m
Velocity factor:	0.66 x C (speed of light)



PRODUCT	Qty	Part.no	EAN-13	E-no
EFF-I AUDIO BLUE B50	50M	1001800141	7330060002120	4866303