

## SUPRA USB 2.0 A-B EXCALIBUR

High End USB 2.0 High Speed cable

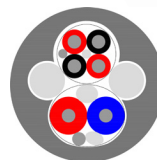
Version: A Male <-> B Male

Rev.date: 2024-08-26

Customs tariff no: 8544429010

Country of origin: Sweden

- Long cable approval - no signal degradation
- Silver plated data wires - Correct data transfer
- Perfect shielding and twinning - Double size star quad power wires
- Detachable plugs fully shielded in Aluminum



### USB 2.0 High Speed - Excalibur

Excalibur is a premium high speed cable with improved data and power transmission, a complement to the existing USB series. Both the data pair and the power pair are optimized for their purpose, transmit data and power. The twisted data pair is made of PE isolated silver plated oxygen free copper wires. The silver layer is very thick, 3.8% of the total wire, for best conductivity and high velocity factor. Silver is great for high frequencies and high speed data transmission. The construction of the power conductors are totally different compared to the data pair. To avoid power losses and to maximize the wire area we used 4 tin plated wires in a star quad configuration. Star quad design and the separate screen reduces any RFI greatly.

The USB plugs are offspring's of our popular HDMI plug. Fully shielded in Aluminium. The plugs are detachable to make it possible to route the cable in 12 millimeters conduits including the contact. No more on-site cut-offs and re-soldering, jeopardizing the typical Supra top notch performance.

### CONSTRUCTION

Cable:	SUPRA USB 2.0 Excalibur High Speed
Wires data:	2x0,24mm <sup>2</sup> /AWG 23 Silver plated Copper 2x19x0,127 - PE isolated
Wires power:	4x0,24mm <sup>2</sup> /AWG 23 tin plated Copper 4x19x0,127 - PE isolated
Screen:	Screened twisted pairs, ALU/PET foil + drain wire
Jacket:	PVC GA74 Crystal, round. Diameter: 7.3 mm
Colour:	Transparent Iceblue
Marking:	SUPRA USB 2.0 Excalibur > Made in Sweden > Meter mark
Connectors:	SUPRA USB A male <-> SUPRA USB B male.
- Material:	Gold plated Copper pins. Housing in Aluminium
Packing:	Carton 17x16x4 cm



### ELECTRICAL SPECIFICATION

Bit rate:	480+ Mbit/s
Resistance:	52 Ohm/km
Capacitance:	45 pF/m
Characteristic impedance:	90 Ohm
Velocity factor	0,66 x C (speed of light)

Special lengths cables are made upon order.



PRODUCT	Qty	Part no.	EAN-13	Weight (kg)
USB 2.0 EXCALIBUR A-B 1M	1pc	1001909025	7330060208294	0,17
USB 2.0 EXCALIBUR A-B 2M	1pc	1001909033	7330060208317	0,23
USB 2.0 EXCALIBUR A-B 3M	1pc	1001909041	7330060208324	0,28
USB 2.0 EXCALIBUR A-B 4M	1pc	1001909058	7330060208331	0,34
USB 2.0 EXCALIBUR A-B 5M	1pc	1001909066	7330060208348	0,40