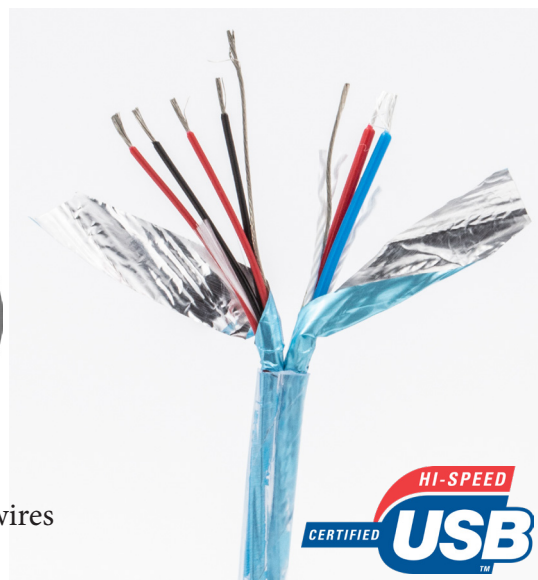
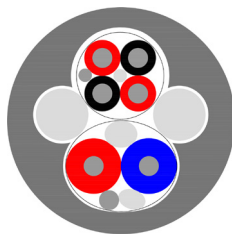


SUPRA USB 2.0 Excalibur Cable

High end USB-cable 2.0 High Speed
 2 pair with separate screens, Silver plated
 Rev.date: 2023-04-19
 Customs tariff no: 8544499390
 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
- Available with 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.

CONSTRUCTION

Version:	SUPRA USB 2.0 Excalibur High Speed
Conductors:	Cu-wire OFC 19x0.127mm, Data: Silver plated & Power: Tin plated
Area:	0,24mm ² / AWG 23
Insulation:	Data 2 x PE red/blue & power 4 x PE red/black
Diameter:	Data 1.7 mm and. power 1.1mm
Reinforcement:	Filler yarn cotton
Screen connection:	Tin plated OFC drainwire 19x0.127mm
Screen:	Separately shielded with Alu/PET foil, 100%
Parts:	Twisted pairs
Jacket:	PVC GA74 Crystal, round
Diameter:	8.2mm
Colour:	Iceblue metallic (other colours upon order)
Marking:	SUPRA USB 2.0 Excalibur > Made in Sweden > Meter mark
Weight:	75 kg/km
Packing:	Bobbin 300m (other length upon order)



Examples of connectors

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)



PRODUCT	Qty	Part.no	EAN-13
USB 2.0 EXCALIBUR BLUE B300	300M	1001800620	7330060208300

Plugs:	Qty	Part.no
USB 2.0 A MALE MET-S AU PLUG	1PC	1011001631
USB 2.0 B MALE MET-S AU PLUG	1PC	1011001649