SUPRA®Cables
MADE IN SWEDEN

SUPRA CAT 8 STP FRHF

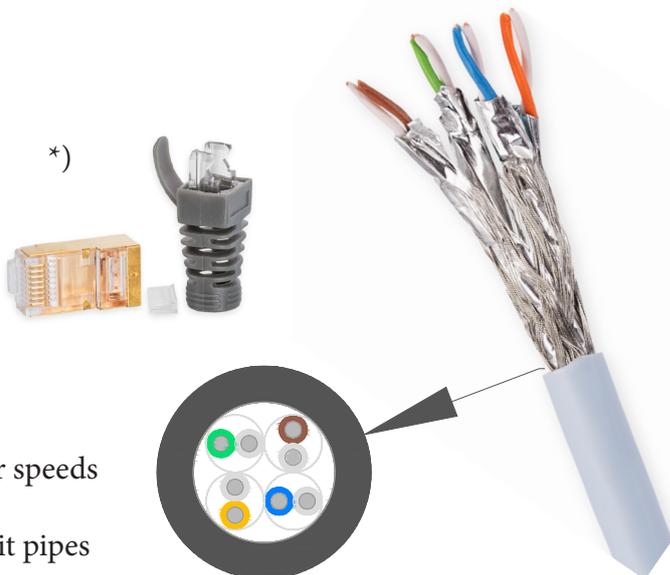Ethernet cable - Halogen free & flame retardant
Version: 4 pair, Cat 8 S/STP PIMF
Rev.date: 2026-03-04
Customs tariff no: 8544499390
Country of origin: Sweden

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- Flame retardant, halogen free
- Performance better than "8.2" - future proof transfer speeds
- Bandwidth 2000 MHz
- Easy-gliding jacket, perfect for installation in conduit pipes

Cat 8 STP FRHF - Halogen free & flame retardant

Supra Cat 8 is once more one step ahead by providing a future proof cable, e.g. 40GBASE-T over one single cable! It is used beneficially in TCP/IP and UDP applications where bit-correct, jitter-free data transmissions is critical, e.g. 4K and 8K video streaming, high quality music streaming (e.g. 32 bits @ < 700 kHz for some downloadable music and in-studio applications), gaming and data centers, and in-building installations such as hotels & conference facilities. Supra Cat 8 allows for 2,000 MHz transfer speed providing for quality enhancing massive headroom, excellent NEXT, low damping, excellent shielding, Low jitter and perfect timing. Supra is considered as a trustworthy and responsible partner for installations in public and official premises. We meet the latest regulation of flame retardancy and toxic emissions. CPS; Construction Products Regulation; EN 50399:2011 and EN 60322-1-2:2004/A1:2015/A11:2016 CE marking; EN 50399 and EN60322.
Fire behavior: DCA, Smoke protection: s1, Flaming droplets: d1, Reaction to fire classification: Dca-s1, d1

CONSTRUCTION

Conductors (x8):	Round pressed 7-strands Cu-wire OFC 5N, Area: 0,13mm² / AWG 26/7
Isolation:	Gas foamed PE, Brown/white, green/white, blue/white & orange/white
Screen:	Double, Each twisted pair ALU/PET foil & common Cu-braid, 100%
Jacket:	PE ECCOH 5943 FRHF, round
Thickness jacket:	1.5 mm
Diameter:	6 mm
Colour:	Ice blue (other colours upon order)
Marking:	SUPRA Cat 8 STP FRHF > Made in Sweden > Meter mark
Packing:	Bobin 150m & 600m (other lengths upon order)

ELECTRICAL SPECIFICATION

Resistance	145 Ohm/km
Capacitance	43 pF/m
Bandwidth	2000 MHz
Signal direction	Bi-directional
Skew@100MHz:	5ns/100m
Characteristic Impedance	100 Ohm
Velocity factor:	0,8 x C (speed of light)

Instructional video how to mount Cat 8 with RJ45 plugs
can be found here https://youtu.be/oLNFDKn46jA

FLAME RETARDANT CE Dca-s1,d1
0402-CPR-7P04047-1
EN50399:2011 &
EN60332-1-2:2004/A1
:2015/A11:2016
www.supracables.se
ROHS REACH

RJ45 Pin #	Wire Color (T568B)	Wire Diagram (T568B)
1	White/Orange	
2	Orange	
3	White/Green	
4	Blue	
5	White/Blue	
6	Green	
7	White/Brown	
8	Brown	

PRODUCT	Qty	Part no.	EAN-13	E-no	Weight
CAT 8 STP PATCH FRHF BLUE B150	150M	1001800547	7330060205965		0,045