

SUPRA CAT 8 STP FRHF

Ethernet cable - Halogen free & flame retardant

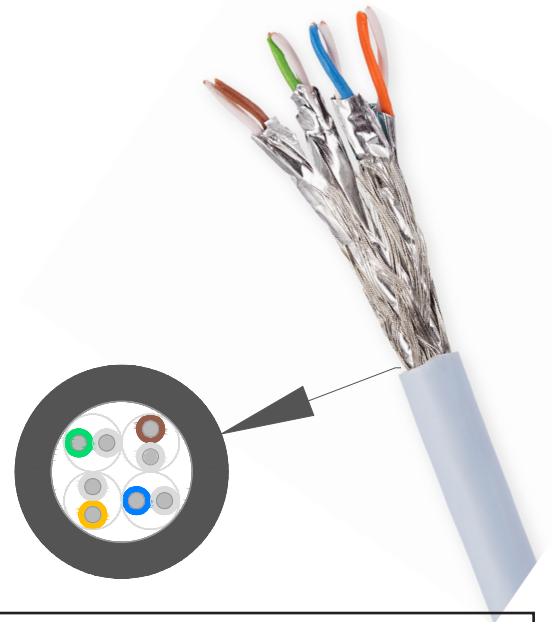
Version: 4 pair, Cat 8 S/STP PIMF

Rev.date: 2022-08-30

Customs tariff no: 8544499390

Country of origin: Sweden

- 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>



Dca-s1,d1
 0402-CPR-7P04047-1
 EN50399:2011 ft
 EN60322-1-2:2004/A1
 :2015/A11:2016
 www.supracables.se

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