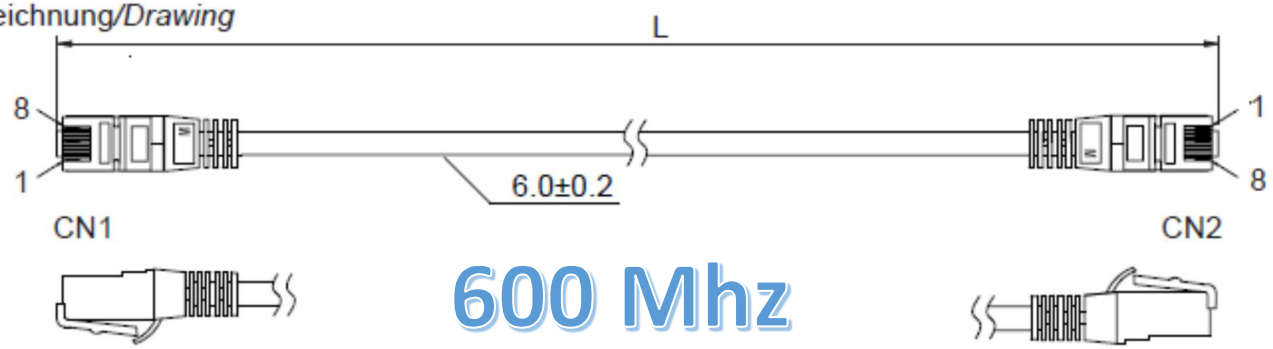
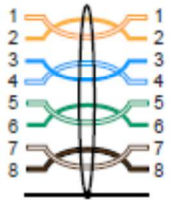
CABLE SFTP CAT7 RJ45 M-M LSZH (Alta Velocidad 600 Mhz) REF. C730-SERIES

Zeichnung/*Drawing*



600 Mhz

PIN-Belegung/*PIN out*



PIN OUT

CN1 (568B)		CN2 (568B)
white	1	1 white
orange	2	2 orange
white	3	3 white
green	6	6 green
blue	4	4 blue
white	5	5 white
white	7	7 white
brown	8	8 brown
shell	B	shell

Querschnitt/*Cross section*



Spezifikation / *Specification*	CAT 6A with CAT 7 raw cable
Kabeltyp / *Cable type*	CAT 7 Rohkabel / *round cable*
Innenleiter, Material / *Inner conductor material*	CU (Kupfer) / *CU (copper)*
Innenleiter, Aderdurchmesser / *Inner conductor, core diameter*	(7/0.15 ± 0.005 mm)
AWG	26/7 (stranded)
Schirmungsklasse / *Shielding class*	S/FTP (PiMF)
Anzahl Schirmungen / *Number of shieldings*	2 x
Typ 1, Schirmung / *Type 1, shielding*	Folie (Alu) PiMF/ *foil (alu) PiMF*
Typ 2, Schirmung / *Type 2, shielding*	Geflecht (Alu) Gesamtschirm / *braid (alu) overall shield*
Durchmesser Kabelmantel (ca.) / *Cable sheath diameter (approx.)*	Ø 6.2 ± 0.2 mm, LSZH
Knickschutz / *Kink protection*	beidseitig / *both sides*
LSZH-konform / *LSZH compliant*	ja / *yes*
Anschluss, Typ / *Connection, type*	RJ45-Stecker (8P8C) / *RJ45 male (8P8C)*
Anschluss, Schirmung / *Connection, shielding*	ja / *yes*
Anschluss 2, Typ / *Connection 2, type*	RJ45-Stecker (8P8C) / *RJ45 male (8P8C)*
Rastnasenschutz / *Latch protection*	beidseitig / *both sides*
max. Bandbreite / *max. bandwidth*	500 MHz

RJ45 patch cord CAT 6A S/FTP (PiMF), with CAT 7 raw cable

- *LAN / network cable to connect network components with 2 x RJ45 (CAT 6A, 500 MHz) connectors*
- *Cat 7 raw cable up to 600 MHz*
- *with 50µ gold plated PINs*
- *pairs screening: PIMF (pairs in metal foil) + outer shield: braiding*
- *with length indication on the slimline strain relief*
- *with latch protection*
- *suitable for Power over Ethernet (PoE/PoE+)*
- *Operating temperature: -20 °C up to 65 °C*

Network cable

Mechanical	
- Connectors:	*2x RJ45 plug (CAT 6A)*
- Contacts:	*8P8C; 50 µ gold-plated*
- Strain relief:	*molded; with length indication*
- Inner conductor:	*4x2xAWG 26/7 CU*
- Insulation:	*LS0H*
- Color coding:	*ANSI/TIA-568-C.2*
- Shielding:	*S/FTP (PIMF)*
Power	
Data standard:	*CAT 7 raw cable (600 MHz), CAT 6A RJ45 plug (500 MHz) IEEE 802.3; 10GBase-T*
Electrical	
- Withstanding voltage:	*DC 300 V*
- Contact resistance:	*max. 15 Ω*
- Insulation resistance:	*10 MΩ @ 10 ms*
- Impedance:	*100 Ω*
Environmental	
- RoHS compliant	

L [m]
0.25
0.50
1.00
1.50
2.00
3.00
5.00
7.50
10.00
15.00
20.00
25.00
30.00

