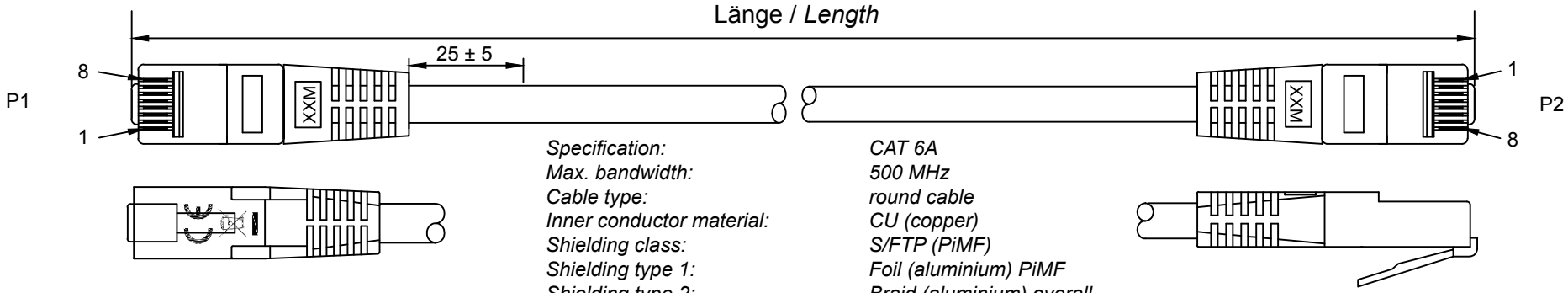
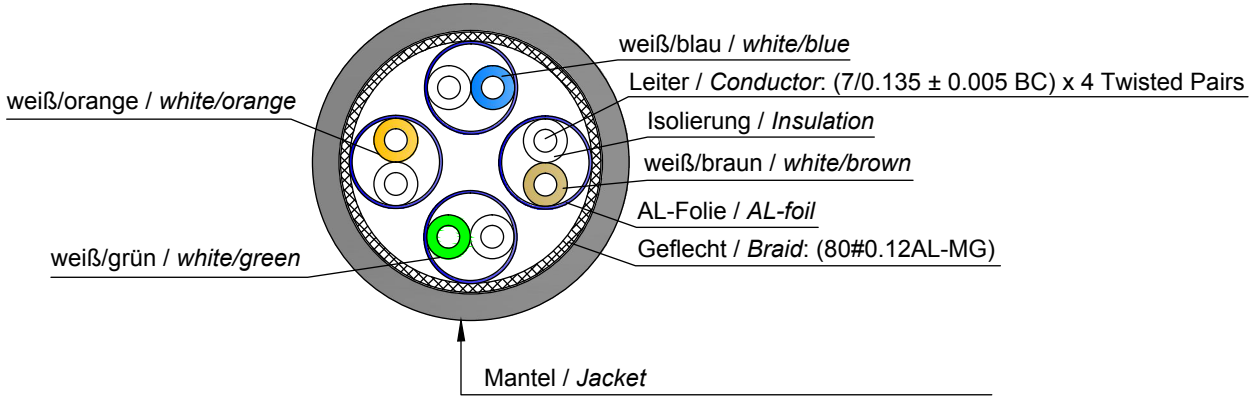


Specification:	*CAT 6A*
Max. bandwidth:	*500 MHz*
Cable type:	*round cable*
Inner conductor material:	*CU (copper)*
Shielding class:	*S/FTP (PiMF)*
Shielding type 1:	*Foil (aluminium) PiMF*
Shielding type 2:	*Braid (aluminium) overall shield*
Cable sheath material:	*LSZH*
Cable sheath diameter:	*5.9 ± 0.2 mm*
LSZH-compliant:	*yes*
Connections:	*2x RJ45 male (8P8C)*
Connection shielding:	*yes*
Contacts:	*gold-plated (3 µm)*
Operating temperature:	*-20 °C ~ +65 °C*

Aderquerschnitt / *Wire cross section*



Anschlussdiagramm / *Wiring diagram*

P1 (568B)	P2 (568B)
1	1 weiß / *white*
2	2 orange / *orange*
3	3 weiß / *white*
6	6 grün / *green*
4	4 blau / *blue*
5	5 weiß / *white*
7	7 weiß / *white*
8	8 braun / *brown*
Shell	Shell

Änderungen			Datum	Name	Bezeichnung	Blatt
Datum	Name	gez.:	22.01.2024	jja	CAT 6a-XXXX S/FTP LSZH X Xm	**1/1**
		gepr.:	22.01.2024	jja		
		Norm:			Zeichnungs-Nr.:	von
		Änderungen vorbehalten / *Subject to change*				