



**Basler**

## **Technical Specification**

**Patchcable GigE, CAT.6, S/FTP, 2 x RJ45**

**5m, 10m, 20m, 30m**

**for Basler GigE Series**

### **Order Numbers:**

**5m: 2000030284**

**10m: 2000030285**

**20m: 2000030286**

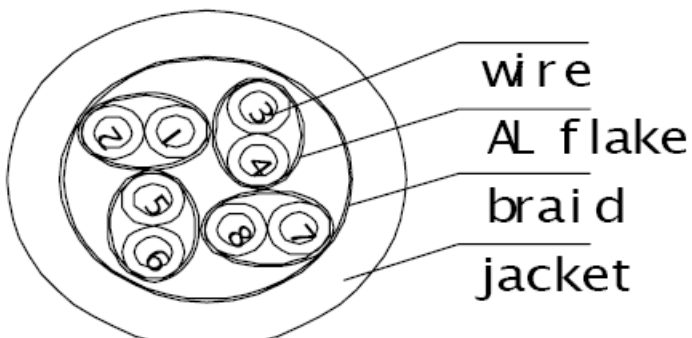
**30m: 2000030287**

**Basler AG**

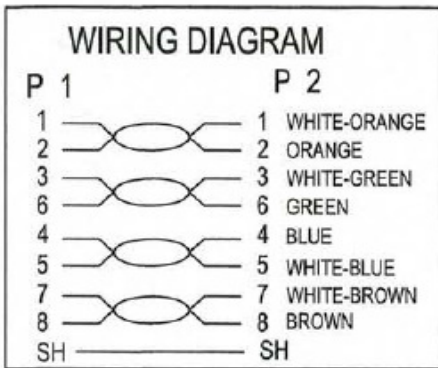
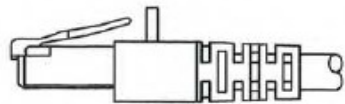
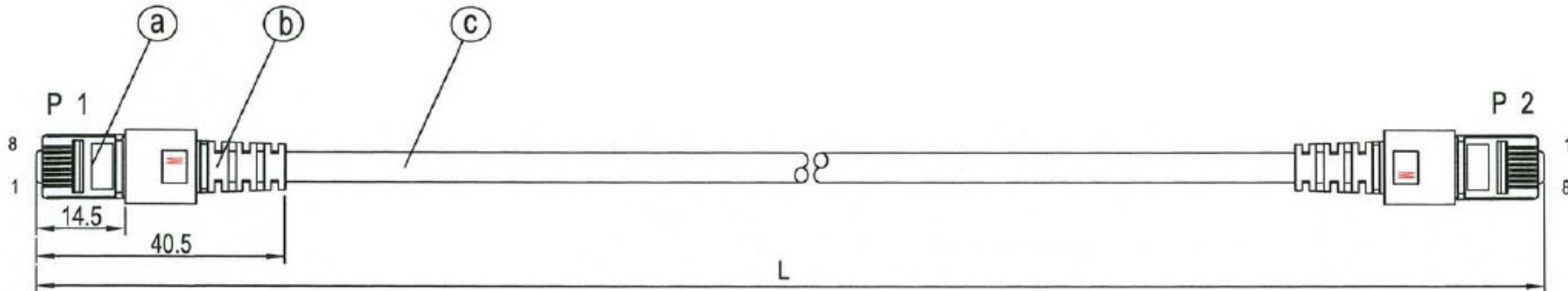
**An der Strusbek 60-62**

**22926 Ahrensburg, Germany**

## Technical Specification:

(Product name)		CAT.6 S/FTP		
(items) (AWG size) (core number)		(unit)	(The specification value)	
		Awg	#27	
		Pcs	4P	
c r o s s e d  w i r e	(conductor)	(material)	tinned copper wire	
		(filling)		
		(structure)	No.mm	stranded 7*0.13
		(crossed O.D)	mm	0,4
	(insulate)	(material)		HDPE
		(thickness)	mm	0,335
		(O.D)	mm	1,05
		(color)		white-blue white-yellow pink-green white-brown
	(tapes)	(material)		AL flake
		(structure)		
(overlap rate)		%	25	
(earthing wire)		(material)		
		(structure)	No.mm	
(braid)		(material)	tinned copper wire 16*5*0.1	
		(shield rate)	%	65
(jacket)		(material)	PVC<LSOH>	
		(minimum thickness)	mm	0,55
		(standard thickness)	mm	0,6
		(O.D)	mm	6,2
		(color)		
(print)		CAT.6 S/FTP 4x2xAWG27/7 PIMF ISO/IEC 11801 & EN 50173-1 TIA/EIA 568B 2-1 HALOGEN FREE ***GIGABIT***		
(structure drawing)		 <p>wire AL flake braid jacket</p> <p>1--white 2--blue 3--white 4--yellow 5--pink 6--green 7--white 8--brown</p>		

# Drawing:



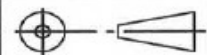
EFB NO.	COLOR
K5510.X	GREY
K5511.X	YELLOW
K5512.X	RED
K5513.X	BLUE
K5514.X	GREEN
K5515.X	BLACK
K5516.X	ORANGE
K5518.X	WHITE
K5519.X	MAGENTA

ALL LENGTH (L)	
500mm±5	7500mm±75
1000mm±10	10000mm±100
1500mm±15	15000mm±150
2000mm±20	20000mm±200
3000mm±30	25000mm±250
5000mm±50	30000mm±300

c	CABLE	SSTP CAT.6 27AWG stranded 4pairs cable LSZH OD=6.2mm Printing : CAT.6 S/FTP 4X2XAWG27/7 PIMF ISO/IEC 11801 & EN50173-1 TIA/EIA 568B.2-1 HALOGEN FREE ***GIGABIT***	L mm
b	OVERMOLD	PVC 75A / LENGTH IMPRINT ON BOOT	8 g
a	CONNECTOR	RJ45 8P8C'S SHIELDED GOLD PLATED 3-50u"	2 Pcs
NO.	MAT.NAME	DESCRIPTION	Q'TY

ROHS COMPLIANT

Impedance	Nom.100 Ohm±20%												
Frequency	MHZ	1	4	8	10	16	20	25	31.25	62.5	100	200	250
NEXT	DB	65	63.04	58.16	56.58	53.23	51.63	50.03	48.42	43.38	39.93	34.78	33.09
Attenuation	DB/100m	2.15	4.02	5.66	6.33	8.04	9.02	10.12	11.38	16.45	21.26	31.47	43.67
Returnloss	DB	19	19	19	19	17.98	17.49	17.01	16.53	14.02	12	8.98	7.99
ITEM	SSTP 27AWG PATCH CORD												
DRAWING	SSTP 27AWG PATCH CORD												
UNIT	mm	SCALE		REV									
DRAWN BY	CHECK BY	APPRO BY		DATE									
				2006.11.26									



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