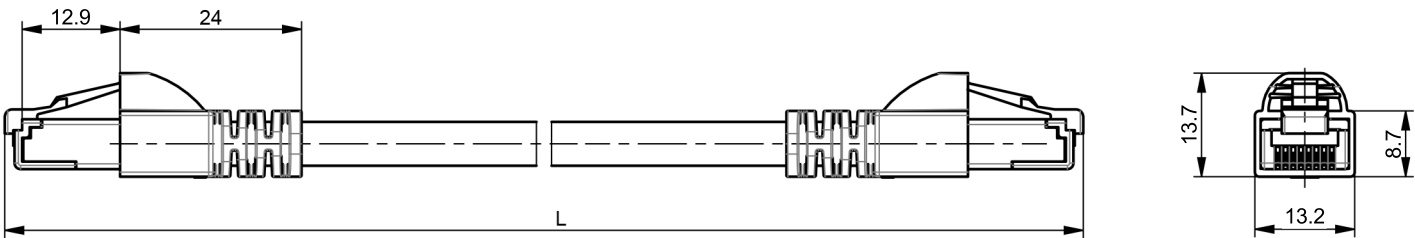
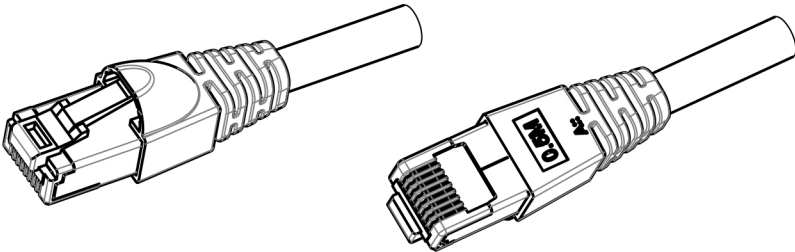


Patch cord S/FTP Cat.6_A LSZH

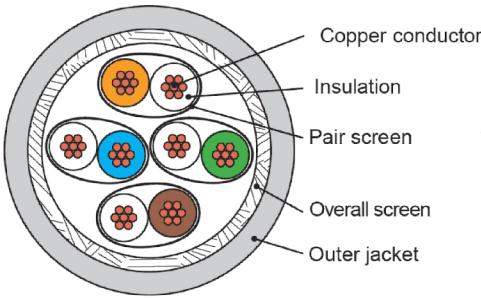


Length (mm)	<500	≥500	>1500	>2500	>5000	>8000	>15000	>20000	>50000	>100000
Tolerance	±10	±20	±25	±40	±60	±100	±200	±300	±500	±500

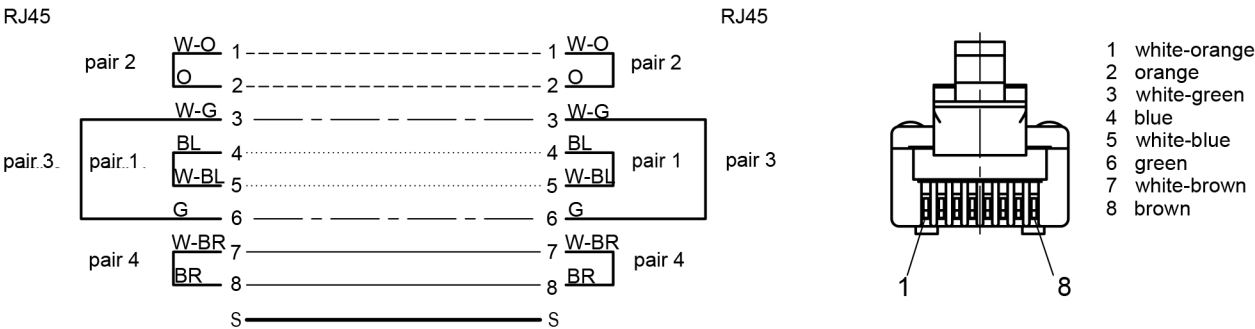
Strain Relief Overmolded



Construction LI-02YSCH 4x2xAWG27/7 LSZH



Connection Diagram 1:1
Pin assignment acc. to TIA 568B



Packing

1 piece in PE bag with label.

Outer packaging for cables ≤ 7.5 M

carton 385 mm x 285 mm x 192 mm (outside dimensions)

Outer packaging for cables > 7.5 M

carton 380 mm x 275 mm x 295 mm (outside dimensions)

Outer packing unit differs according to cable length

TG P/N and EAN number

L (mm)	grey RAL 7035	green RAL 6024	red RAL 3018	blue RAL 5015	yellow RAL 1018	black RAL 9011	white RAL 9003	purple RAL 4005	Pieces per box
250	L00000A0230 4018359378837	L00000A0231 4018359378844	L00000A0232 4018359378851	L00000A0233 4018359378868	L00000A0234 4018359378875	L00000A0235 4018359378882	L00000A0236 4018359378899	L00000A0237 4018359378905	200
500	L00000A0072 4018359286026	L00000A0073 4018359286033	L00000A0074 4018359286040	L00000A0075 4018359286057	L00000A0076 4018359286064	L00000A0077 4018359288150	L00000A0130 4018359306298	L00000A0238 4018359378912	130
1000	L00000A0081 4018359286453	L00000A0082 4018359286460	L00000A0083 4018359286477	L00000A0084 4018359286484	L00000A0085 4018359286491	L00000A0086 4018359288167	L00000A0131 4018359306304	L00000A0226 4018359377076	80
1500	L00001A0090 4018359289126								70
2000	L00001A0084 4018359286507	L00001A0085 4018359286514	L00001A0086 4018359286521	L00001A0087 4018359286538	L00001A0088 4018359286545	L00001A0089 4018359288174	L00001A0123 4018359306311	L00001A0194 4018359377083	55
3000	L00002A0112 4018359286552	L00002A0113 4018359286569	L00002A0114 4018359286576	L00002A0115 4018359286583	L00002A0116 4018359286590	L00002A0117 4018359288181	L00002A0141 4018359306328	L00002A0195 4018359377090	40
5000	L00003A0055 4018359286606	L00003A0056 4018359286613	L00003A0057 4018359286620	L00003A0058 4018359286637	L00003A0059 4018359286644	L00003A0060 4018359288198	L00003A0085 4018359306335	L00003A0147 4018359378936	25
7500	L00004A0054 4018359286651	L00004A0055 4018359286668	L00004A0056 4018359286675	L00004A0057 4018359286682	L00004A0058 4018359286699	L00004A0060 4018359288204	L00004A0071 4018359306342	L00004A0134 4018359378943	18
10000	L00005A0027 4018359286705	L00005A0028 4018359286712	L00005A0029 4018359286729	L00005A0030 4018359286736	L00005A0031 4018359286743	L00005A0032 4018359288211	L00005A0051 4018359306359	L00005A0103 4018359378950	20
15000	L00006A0033 4018359286750	L00006A0037 4018359292201	L00006A0041 4018359292249	L00006A0045 4018359292287	L00006A0049 4018359292324	L00006A0053 4018359292362			15
20000	L00006A0036 4018359292195	L00006A0038 4018359292218	L00006A0042 4018359292256	L00006A0046 4018359292294	L00006A0050 4018359292331	L00006A0054 4018359292379			12
25000	L00006A0034 4018359286767	L00006A0039 4018359292225	L00006A0043 4018359292263	L00006A0047 4018359292300	L00006A0051 4018359292348	L00006A0055 4018359292386			10
50000	L00006A0035 4018359286774	L00006A0040 4018359292232	L00006A0044 4018359292270	L00006A0048 4018359292317	L00006A0052 4018359292355	L00006A0056 4018359292393			6

Technical Data	
Connector standard	IEC 60603-7-51
Cable specifications see	L02002A0061
Mechanical Characteristics	
Insertion force	≤ 30N
Durability (mating cycles)	≥ 750
Materials	
Connector housing	PC UL94 V0 crystal clear
Contact finish	over Ni
Shield	brass nickel plated
Strain relief	PVC UL94 V0
Outer jacket	LSZH
Cable outer diameter	5.8 mm ± 0.2 mm (0.228 in. ± 0.008 in.)
Cable marking	TELEGÄRTNER S/FTP 4x2xAWG27/7 Cat.7 PATCH CABLE LSZH IEC 60332-1 E344985 AA c(UL)us CM 75°C
Colour of cable marking	blue
Colour of cable marking on black cable	white
Directive 2011/65/EU (RoHS)	RoHS compliant
Environment Requirements	
Protection against ingress	
Particulate ingress	IP2X
Water / Immersion	IPX0
Climatical and chemical	
Ambient temperature	-40°C to +75°C

Technical Data	
Electrical Characteristics	
Connection	Reference Connection Diagram
Current carrying capacity at 50°C	1 A
PoE+ according to IEEE 802.3at	Adequate for Power over Ethernet+
Transmission Performance *	
10 Gigabit Ethernet acc. to IEEE 802.3an	Adequate for 10 gigabit Ethernet
Category 6 _A	ISO/IEC 11801; DIN EN 50173-1
Class E _A	ISO/IEC 11801; DIN EN 50173-1
Category 6A	ANSI/TIA-568.2-D-2018
Standards	
Specification for pair equipment connection cable	IEC 61156-6 DIN EN 50288-4-2
UL Standard for Communication circuit Accessories	UL 1863
Degrees of protection provided by enclosures (IP code)	IEC 60529
Approval	
GHMT	PVP
UL listed	E244889

* The aforementioned standards are valid as of 10.19.2018.