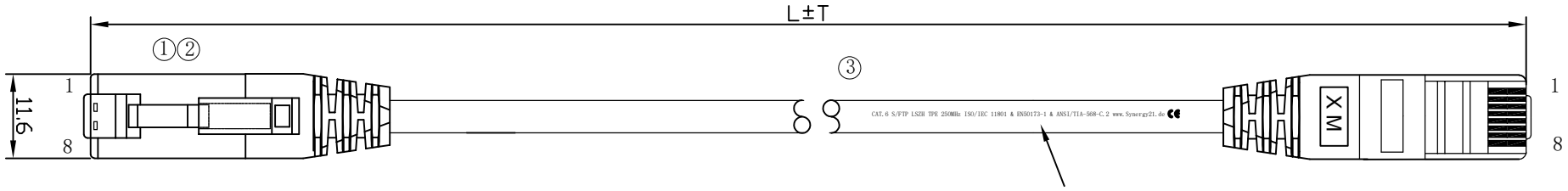
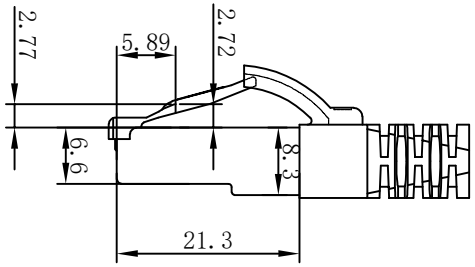
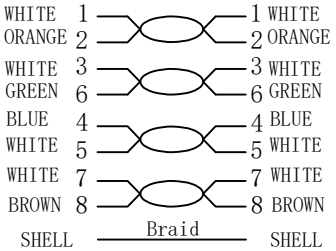
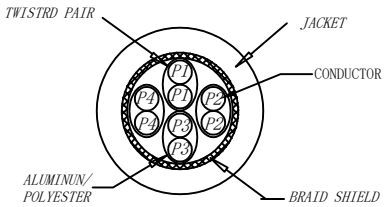


CAT.6 S/FTP LSZH TPE 250MHz ISO/IEC 11801 & EN50173-1 & ANSI/TIA-568-C.2 www.Synergy21.de CE



PIN OUT





MATERIAL LIST

NO.	PARTS NAME	SPECIFICATION STANDARD	QT'Y	REMARK
⑥	LABEL	NO DRY GLUE LABEL	1	
⑤	MINI TIE	PE MINI TIE(POSSESS METAL) COLOUR SEE THE CHART	2	
④	POLYETHYLENE BAG	SYNERGY 21 SLIP PE BAG	1	
③	CABLE	CAT.6 S/FTP 27AWG(BC*1P+AL-FOIL)*4+Braid(AL-MG) JACKET:TPE LSZH OD:6.0±0.2mm COLOUR SEE THE CHART	1	
②	Over mold	80A PVC,COLOR:SEE THE CHART	2	
①	Plug	RJ45 8P8C'S SHIELDED ,THE SHELL PLATED NICKEL ,PIN GOLD PLATED 3u" RED/TRANSPARENT	2	

NOTE:

1. ELECTRICAL TEST:
   (1).100% OPEN SHORT, MISS WIRE TEST
   (2).INSULATION RESISTANCE:DC 300V 10M Ohm;
   (3).CONTACTOR RESISTANCE:1 OHM per meter
2. FLUKE TEST LIMIT:ISO11801 Channel Class E
3. Working temperature:-10℃ ~ + 60℃
4. Storage temperature:-20℃~+75℃
5. RoHS 3.0 AND REACH compliant
6. TPE LSZH:Non fire retardant(Conform IEC60754-2、IEC 61034)
7. Packing:Synergy21 PE Bag+Label
8. Minimum of the bending radius is 60mm

BY	CHK	REVISION RECORD MODIFICATIONS	DATE	REV.
Hasia		change "ROSH 2.0" to "ROSH 3.0"	2022-02-25	A6
		Add New Color	2019-03-14	A5
		Increase the minimum bend radius	2018-11-30	A4
		Add moulding size	2018-06-19	A3
		Change Moulding	2018-05-29	A2
		CHANGE PACKING AND BOX MARK	2018-03-12	A1

SYNERGY 21

CUSTOMER NO.		ITEM NO.	SEE THE CHART		
PRODUCT NAME	CAT.6 S/FTP PATCH CORD TPE LSZH	manufacture country:	CHINA	UNIT	MM
DRAWNBY	CHECKBY	APPOBY	DATE		
SYNERGY 21	SYNERGY 21	SYNERGY 21	2015-01-20		

COLOR:WHITE

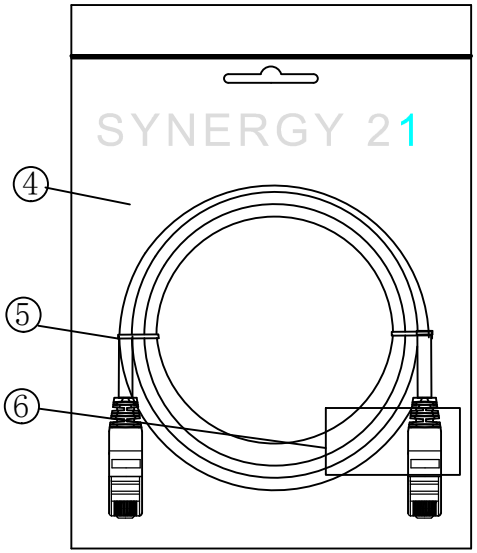
ITEM	LENGTH（mm）	PACKING
S216930	150±5	SYNERGY 21 Bag A
S216900	250±10	SYNERGY 21 Bag A
S216901	500±15	SYNERGY 21 Bag A
S216902	1000±30	SYNERGY 21 Bag A
S216903	1500±30	SYNERGY 21 Bag A
S216904	2000±30	SYNERGY 21 Bag A
S216905	3000±50	SYNERGY 21 Bag A
S216906	5000±200	SYNERGY 21 Bag B
S216907	7500±200	SYNERGY 21 Bag B
S216908	10000±200	SYNERGY 21 Bag B
S216909	15000±300	SYNERGY 21 Bag C
S216910	20000±300	SYNERGY 21 Bag C
S216911	25000±300	SYNERGY 21 Bag C
S216912	30000±300	SYNERGY 21 Bag D
S216913	40000±300	SYNERGY 21 Bag D
S216914	50000±300	SYNERGY 21 Bag D

COLOR:BLACK PANTONE BLACK 3C

ITEM	LENGTH(mm)	PACKING
S216931	150±5	SYNERGY 21 Bag A
S216915	250±10	SYNERGY 21 Bag A
S216916	500±15	SYNERGY 21 Bag A
S216917	1000±30	SYNERGY 21 Bag A
S216918	1500±30	SYNERGY 21 Bag A
S216919	2000±30	SYNERGY 21 Bag A
S216920	3000±50	SYNERGY 21 Bag A
S216921	5000±200	SYNERGY 21 Bag B
S216922	7500±200	SYNERGY 21 Bag B
S216923	10000±200	SYNERGY 21 Bag B
S216924	15000±300	SYNERGY 21 Bag C
S216925	20000±300	SYNERGY 21 Bag C
S216926	25000±300	SYNERGY 21 Bag C
S216927	30000±300	SYNERGY 21 Bag D
S216928	40000±500	SYNERGY 21 Bag D
S216929	50000±500	SYNERGY 21 Bag D

COLOR:RED PANTONE 199C

ITEM	LENGTH(mm)	PACKING
S216689	150±5	SYNERGY 21 Bag A
S216690	250±10	SYNERGY 21 Bag A
S216691	500±15	SYNERGY 21 Bag A
S216692	1000±30	SYNERGY 21 Bag A
S216693	1500±30	SYNERGY 21 Bag A
S216694	2000±30	SYNERGY 21 Bag A
S216695	3000±50	SYNERGY 21 Bag A
S216696	5000±200	SYNERGY 21 Bag B
S216697	7500±200	SYNERGY 21 Bag B
S216698	10000±200	SYNERGY 21 Bag B
S216699	15000±300	SYNERGY 21 Bag C



BY	CHK	REVISION RECORD MODIFICATIONS	DATE	REV.
Hasia		ADD RED CABLE	2022-05-10	A7
		NEW	2015-01-20	A

SYNERGY 21

CUSTOMER NO.		ITEM NO.	SEE THE CHART
PRODUCT NAME	CAT.6 S/FTP PATCH CORD TPE LSZH	manufacture country:	CHINA / UNIT / MM
DRAWNBY	CHECKBY	APPOBY	DATE
SYNERGY 21	SYNERGY 21	SYNERGY 21	2015-01-20

COLOR:GREY RAL 7035

ITEM	LENGTH（mm）	PACKING
S216932	150±5	SYNERGY 21 Bag A
S216933	250±10	SYNERGY 21 Bag A
S216934	500±15	SYNERGY 21 Bag A
S216935	1000±30	SYNERGY 21 Bag A
S216936	1500±30	SYNERGY 21 Bag A
S216937	2000±30	SYNERGY 21 Bag A
S216938	3000±50	SYNERGY 21 Bag A
S216939	5000±200	SYNERGY 21 Bag B
S216940	7500±200	SYNERGY 21 Bag B
S216941	10000±200	SYNERGY 21 Bag B
S216942	15000±300	SYNERGY 21 Bag C

COLOR:BLUE PANTONE 647C

ITEM	LENGTH(mm)	PACKING
S216943	150±5	SYNERGY 21 Bag A
S216944	250±10	SYNERGY 21 Bag A
S216945	500±15	SYNERGY 21 Bag A
S216946	1000±30	SYNERGY 21 Bag A
S216947	1500±30	SYNERGY 21 Bag A
S216948	2000±30	SYNERGY 21 Bag A
S216949	3000±50	SYNERGY 21 Bag A
S216950	5000±200	SYNERGY 21 Bag B
S216951	7500±200	SYNERGY 21 Bag B
S216952	10000±200	SYNERGY 21 Bag B
S216953	15000±300	SYNERGY 21 Bag C

COLOR:YELLOW PANTONE 135C

ITEM	LENGTH(mm)	PACKING
S216954	150±5	SYNERGY 21 Bag A
S216955	250±10	SYNERGY 21 Bag A
S216956	500±15	SYNERGY 21 Bag A
S216957	1000±30	SYNERGY 21 Bag A
S216958	1500±30	SYNERGY 21 Bag A
S216959	2000±30	SYNERGY 21 Bag A
S216960	3000±50	SYNERGY 21 Bag A
S216961	5000±200	SYNERGY 21 Bag B
S216962	7500±200	SYNERGY 21 Bag B
S216963	10000±200	SYNERGY 21 Bag B
S216964	15000±300	SYNERGY 21 Bag C

COLOR:GREEN PANTONE 3278C

ITEM	LENGTH（mm）	PACKING
S216965	150±5	SYNERGY 21 Bag A
S216966	250±10	SYNERGY 21 Bag A
S216967	500±15	SYNERGY 21 Bag A
S216968	1000±30	SYNERGY 21 Bag A
S216969	1500±30	SYNERGY 21 Bag A
S216970	2000±30	SYNERGY 21 Bag A
S216971	3000±50	SYNERGY 21 Bag A
S216972	5000±200	SYNERGY 21 Bag B
S216973	7500±200	SYNERGY 21 Bag B
S216974	10000±200	SYNERGY 21 Bag B
S216975	15000±300	SYNERGY 21 Bag C

COLOR:ORANGE PANTONE 1575C

ITEM	LENGTH(mm)	PACKING
S216976	150±5	SYNERGY 21 Bag A
S216977	250±10	SYNERGY 21 Bag A
S216978	500±15	SYNERGY 21 Bag A
S216979	1000±30	SYNERGY 21 Bag A
S216980	1500±30	SYNERGY 21 Bag A
S216981	2000±30	SYNERGY 21 Bag A
S216982	3000±50	SYNERGY 21 Bag A
S216983	5000±200	SYNERGY 21 Bag B
S216984	7500±200	SYNERGY 21 Bag B
S216985	10000±200	SYNERGY 21 Bag B
S216986	15000±300	SYNERGY 21 Bag C

COLOR:MAGENTA PANTONE 212C

ITEM	LENGTH(mm)	PACKING
S216987	150±5	SYNERGY 21 Bag A
S216988	250±10	SYNERGY 21 Bag A
S216989	500±15	SYNERGY 21 Bag A
S216990	1000±30	SYNERGY 21 Bag A
S216991	1500±30	SYNERGY 21 Bag A
S216992	2000±30	SYNERGY 21 Bag A
S216993	3000±50	SYNERGY 21 Bag A
S216994	5000±200	SYNERGY 21 Bag B
S216995	7500±200	SYNERGY 21 Bag B
S216996	10000±200	SYNERGY 21 Bag B
S216997	15000±300	SYNERGY 21 Bag C

BY	CHK	REVISION RECORD MODIFICATIONS	DATE	REV.
		NEW	2015-01-20	A

SYNERGY 21

CUSTOMER NO.		ITEM NO.	SEE THE CHART
PRODUCT NAME	CAT.6 S/FTP PATCH CORD TPE LSZH	manufacture country:	CHINA / UNIT MM

DRAWNBY	CHECKBY	APPOBY	DATE
SYNERGY 21	SYNERGY 21	SYNERGY 21	2015-01-20