



NOTE:

- Cat7 raw cable configured with RJ45 plug test by Fluke Channel Test ISO 11801 channel Class Ea up to 500Mhz.
- RoHS 3.0 AND REACH compliant
- Electrical test: 100% open short & miss wire test;
- OPERATING TEMPERATURE: -20°C ~ 75°C
STORAGE TEMPERATURE: -10°C ~ 60°C
- Print word: CAT6A S/FTP Patch cord with CAT7 RAW Cable 4x2x28AWG/7 TPE-LSZH ISO11801 & EN50173 & ANSI/TIA568.2-D www.Synergy21.de **CE**
- Packing: 1pc/synergy 21 bag+label
- Support PoE per IEEE802.3af, PoE+ per IEEE802.3at, PoE++ per IEEE802.3bt
- ISO/IEC 11801:2017 ClassF 600Mhz (only refer to Cat7 raw cable)
- EN 50173 ClassF 600Mhz (only refer to Cat7 raw cable)
- ANSI/TIA 568.2-D Cat.7 (only refer to Cat7 raw cable)
- Connectors specification (IEC 60603-7)
- Flame retardant (IEC60332-1-2)
- Low smoke (IEC 61034)
- Halogen free (IEC 60754-1/2)
- Plug Contacts durability: 750 cycles min

MATERIAL LIST:

NO.	PARTS NAME	SPECIFICATION STANDARD	QT' Y	REMARK
③	OVER MOLD	75A PVC	2	
②	PLUG	RJ45 8P8C SHIELDED Plug PIN GOLD PLATED 3U", THE SHELL PLATED NICKEL, COLOUR: TRANSPARENT Yellow	2	
①	CABLE	S/FTP CAT. 7 28AWG (BC+AL-FOIL)*4P+BRAID (AL-MG) JACKET: TPE-LSZH OD: 4.5±0.2mm	1	

SYNERGY 21											
				CUSTOMER		ITEM NO.		SEE THE CHART			
				PRODUCT NAME		manufacture country		CHINA	UNIT	MM	
				CAT. 7 S/FTP 28AWG PATCH CORD							
NEW				2025-02-06		A		DRAWNBY	CHECKBY	APPROVE	DATE
BY	CHK	REVISION RECORD MODIFICATIONS			DATE	REV.	SYNERGY 21	SYNERGY 21	SYNERGY 21	2025-02-06	

Color:Grey RAL 7035	
ITEM NO.	LENGTH
S217900	150±25mm
S217901	250±25mm
S217902	500±25mm
S217903	1000±25mm
S217904	1500±30mm
S217905	2000±30mm
S217906	3000±50mm
S217907	5000±100mm
S217908	7500±150mm
S217909	10000±200mm
S217910	15000±300mm

Color:Black Pantone Black 3C	
ITEM NO.	LENGTH
S217911	150±25mm
S217912	250±25mm
S217913	500±25mm
S217914	1000±25mm
S217915	1500±30mm
S217916	2000±30mm
S217917	3000±50mm
S217918	5000±100mm
S217919	7500±150mm
S217920	10000±200mm
S217921	15000±300mm

Color:White RAL 9003	
ITEM NO.	LENGTH
S217922	150±25mm
S217923	250±25mm
S217924	500±25mm
S217925	1000±25mm
S217926	1500±30mm
S217927	2000±30mm
S217928	3000±50mm
S217929	5000±100mm
S217930	7500±150mm
S217931	10000±200mm
S217932	15000±300mm

Color:Blue Pantone 647C	
ITEM NO.	LENGTH
S217933	150±25mm
S217934	250±25mm
S217935	500±25mm
S217936	1000±25mm
S217937	1500±30mm
S217938	2000±30mm
S217939	3000±50mm
S217940	5000±100mm
S217941	7500±150mm
S217942	10000±200mm
S217943	15000±300mm

Color:Yellow Pantone 135C	
ITEM NO.	LENGTH
S217944	150±25mm
S217945	250±25mm
S217946	500±25mm
S217947	1000±25mm
S217948	1500±30mm
S217949	2000±30mm
S217950	3000±50mm
S217951	5000±100mm
S217952	7500±150mm
S217953	10000±200mm
S217954	15000±300mm

Color:Green Pantone 3278C	
ITEM NO.	LENGTH
S217955	150±25mm
S217956	250±25mm
S217957	500±25mm
S217958	1000±25mm
S217959	1500±30mm
S217960	2000±30mm
S217961	3000±50mm
S217962	5000±100mm
S217963	7500±150mm
S217964	10000±200mm
S217965	15000±300mm

Color:Red Pantone 199C	
ITEM NO.	LENGTH
S217966	150±25mm
S217967	250±25mm
S217968	500±25mm
S217969	1000±25mm
S217970	1500±30mm
S217971	2000±30mm
S217972	3000±50mm
S217973	5000±100mm
S217974	7500±150mm
S217975	10000±200mm
S217976	15000±300mm

Color:Orange Pantone 1575C	
ITEM NO.	LENGTH
S217977	150±25mm
S217978	250±25mm
S217979	500±25mm
S217980	1000±25mm
S217981	1500±30mm
S217982	2000±30mm
S217983	3000±50mm
S217984	5000±100mm
S217985	7500±150mm
S217986	10000±200mm
S217987	15000±300mm

Color:Magenta Pantone 212C	
ITEM NO.	LENGTH
S217988	150±25mm
S217989	250±25mm
S217990	500±25mm
S217991	1000±25mm
S217992	1500±30mm
S217993	2000±30mm
S217994	3000±50mm
S217995	5000±100mm
S217996	7500±150mm
S217997	10000±200mm
S217998	15000±300mm

Color:Purple Pantone 2725C	
ITEM NO.	LENGTH
S217999	150±25mm
S218000	250±25mm
S218001	500±25mm
S218002	1000±25mm
S218003	1500±30mm
S218004	2000±30mm
S218005	3000±50mm
S218006	5000±100mm
S218007	7500±150mm
S218008	10000±200mm
S218009	15000±300mm

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