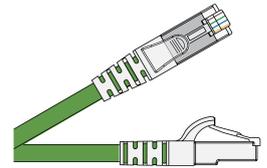
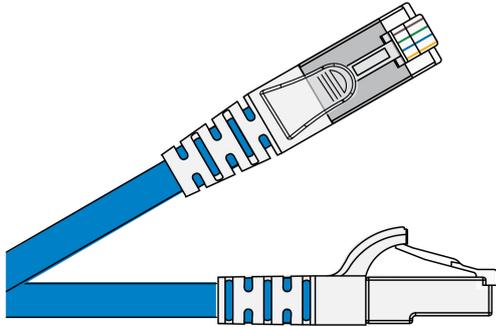


Product updated on October 22, 2018

## Cat 6 Screened LSZH Patch Cords



Category 6 screened patch cord range exceed the transmission line performance requirements of IEC and TIA for CLASS E/Category 6 systems. The products are designed for mechanical and electrical reliability using quality materials and processes to deliver a patch cord solution which delivers a consistent high level of systems performance whilst incorporating design features that allow a “one style fits all” cord application. The low profile molded boot and snag free latching allows the cords to be deployed within even the most densely populated network installations deploying the latest blade server technology.

### FEATURES/BENEFITS

- Electrically compliant beyond 250MHz
- Low Smoke Zero Halogen sheathed cable
- Low profile molded strain relief boot for use with blade servers
- Integral anti-snag latch as standard
- 50u"gold plated contact pins
- 6 standard colors
- 10 standard lengths (0.5m,1m,1.5m, 2m, 3m, 5m,7m,10m, 15m, & 20m)

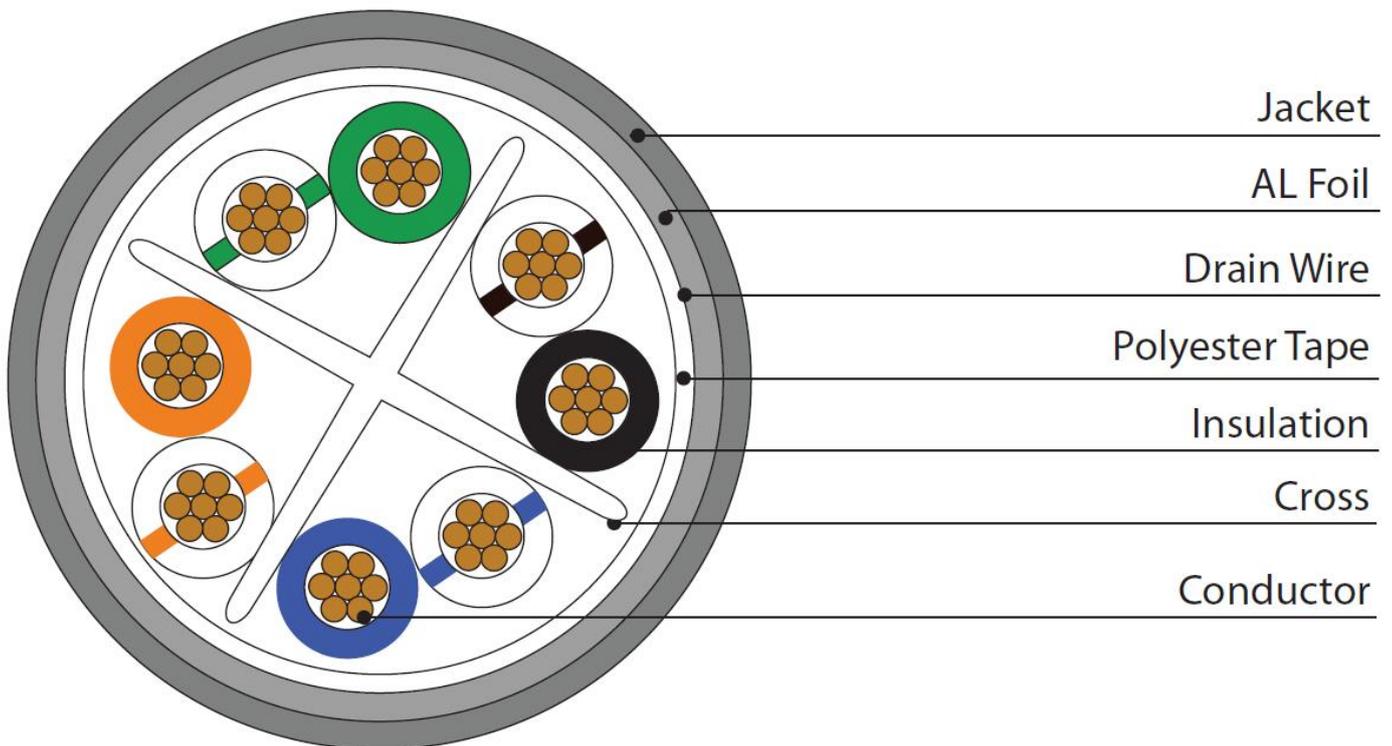
### APPLICATIONS

- IEC 61935-2
- ISO/IEC 11801 (2nd Edition): 2010
- ATM 1200
- 1000BASE-T (Gigabit Ethernet)
- 1G FCBASE-T
- REACH / SVHC compliant regulation (EC) No. 1907/2006
- Class E/category 6 standards compliant

SPECIFICATIONS

CONSTRUCTION	VALUE	
Conductors	AWG	26
	Size	7 x 0.152mm
	Material	Bare Copper
Insulators	Diameter	0.86mm
	Material	HDPE
Jacket	External O.D	5.8 ± 0.2mm
	Thickness mm	0.51mm
	Material	LSZH
Pulling Tension	Max.50N	
Bending Radius(without load)	Min. 8 x Cable Diameter	
Temperature Range	Storage Temperature	-20 to 70 °C ( Under static conditions)
	Operation Temperature	-20 to 60 °C ( Under static conditions)

TECHNICAL DRAWING



# ADDITIONAL INFORMATION

Product Numbering:

UPC	4	1	1	5	4	5	3003
	↓	↓	↓	↓	↓	↓	↓
<b>Category</b>	<b>Screen Type</b>	<b>Connector</b>	<b>AWG</b>	<b>Jacket</b>	<b>Color</b>	<b>Length</b>	
Cat6 4	U/UTP 1 F/UTP 2	RJ45 – RJ45 1	24AWG 5 26AWG 6 28AWG 7 32AWG 8	PVC CM 1 PVC CMR 2 PVC CMP 3 LSZH 332-1 4 LSZH 332-2 5 LSZH332-3 6	Gray 1 Red 2 Blue 3 Yellow 4 Green 5 Orange 8	0.15m 1015 1.5m 2015 15m 3015 150m 3150	

First digit:  
 1 = \*1%  
 2 = \*10%  
 3 = \*100%

Note: Product out of list of ordering information ,please consult sales representative.

## ORDERING INFORMATION

COLOUR	PART NUMBER	LENGTH	OPTRONICS PN*	COLOUR	PART NUMBER	LENGTH	OPTRONICS PN*
Blue	UPC4216433001	1	641-301	Green	UPC4216453001	1	641-501
Blue	UPC4216433002	2	641-302	Green	UPC4216453002	2	641-502
Blue	UPC4216433003	3	641-303	Green	UPC4216453003	3	641-503
Blue	UPC4216433005	5	641-305	Green	UPC4216453005	5	641-505
Blue	UPC4216433007	7	641-307	Green	UPC4216453007	7	641-507
Blue	UPC4216433010	10	641-310	Green	UPC4216453010	10	641-510
Blue	UPC4216433015	15	641-315	Green	UPC4216453015	15	641-515
Blue	UPC4216433020	20	641-320	Green	UPC4216453020	20	641-520

Note: Other colour is available to order with MOQ requirement, normally MOQ of Patch cord cable should not be less than 4 km.

Optronics product is going to be phase-out.



## FURTHER INFORMATION

- For additional information please contact your sales representative
- To view the product 360 visit the product page (Scan the QR code or visit the link below)
- Downloaded from <https://www.aflhyperscale.com/product/cat-6-screened-lszh-patch-cords>
- AFL Hyperscale reserves the right to make changes in this datasheet at any time without notice
- Information in this document is correct as of October 22, 2018

SCAN QR FOR PRODUCT PAGE

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