



Category 6_A Unshielded Patch Cords

AFL Category 6_A patch and workstation cords guarantee 6_A performance. Combined with AFL cable and outlets, these cords assist in creating a complete 10 Gigabit throughput system that can be relied upon for years to come.

Features

- Guaranteed 10GBase-T performance compliant
- Backward compatible with Category 3, 5, 5e and 6
- Superior PSANEXT performance suitable for mitigation of alien crosstalk in existing installs

Specifications

CONDUCTOR	Material / Size	Bare Copper / 24 AWG
	Construction	7/0.193 ± 0.008 mm
INSULATION	Material	HDPE
	Thickness	Average: 0.22 mm
	Diameter	0.95 ± 0.02 mm
	Colours	Blue/White-Blue Orange/White-Orange Green/White-Green Brown/White-Brown
	Elongation	Min. 300%
	Tensile Strength	Min. 1.682 Kgf/mm ²
SHEATH	Material	LSOH
	Thickness	Average: 0.5 mm
	Diameter	5.8 ± 0.5 mm
	Colour	Assorted upon request
	Elongation	Min. 125%
	Tensile Strength	Min. 0.917 Kgf/mm ²
	Aging at 100°C for 168 hrs	Min. elongation retention: 75% Min. tensile strength retention: 70%
	Marking	CAT 6A UTP 4PAIR 24AWG PATCH CABLE IEC 60332-1 MM/DD/YY *****m or as customer request.

Standards

- AS/NZS 11801.1:2019
- ANSI/TIA 568.2-D
- ACMA Compliance
- Flame Retardancy is verified according to IEC 60332-1-2

Ordering Information

PART NUMBER	DESCRIPTION	SALES UNIT
AFL6Axxx-BU	Patchcord Category 6A UTP Blue LSZH	Each
AFL6Axxx-GY	Patchcord Category 6A UTP Grey LSZH	Each
AFL6Axxx-RD	Patchcord Category 6A UTP Red LSZH	Each
AFL6Axxx-GN	Patchcord Category 6A UTP Green LSZH	Each
AFL6Axxx-YL	Patchcord Category 6A UTP Yellow LSZH	Each
AFL6Axxx-SP	Patchcord Category 6A UTP Salmon LSZH	Each

Category 6_A Unshielded Patch Cords

Insulating (HDPE)
Sheath
Conductor
Cross member

orange 2	green 3
white/orange	white/green
blue 1	brown 4
white/blue	white/brown

CABLE Ⓢ			
conductor	24AWG stranded bare copper		
insulation	HDPE		
core size	min: 0.93mm, max: 0.97mm		
core color	white/blue/gray, white/orange/gray, white/green/gray, white/brown/gray		
cross member	PE		
cable diameter	5.8±0.5mm		
sheath material	LSR, HDPE, Low (as customer requirement)		
sheath color	normal: blue, orange, gray or as customer requirement		
cable length	1 to 20 meter or as customer requirement		
Plug Ⓢ			
housing	polycarbonate UL94V-2		
color	transparent		
contact blade	phosphor bronze		
gold plating	50μ or as customer requirement		
MOLDED Ⓢ			
material	70C T5A PVC		
color	blue, orange, gray or as customer requirement		

TESTING:
 TESTING BY FLUKE PATCH CORD, ALL PARAMETERS MUST BE QUALIFIED

PINOUT			
PA/R	P1(T568B)	WIRE	P2(T568B)
1	1	WHT/ORG	1
	2	ORG	2
2	3	WHT/GRN	3
	6	GRN	6
3	4	BLU	4
	5	WHT/BLU	5
4	7	WHT/BRN	7
	8	BRN	8

FAFL			
DRAW.NO	ITEM	CAT 6A UTP PATCH CORD	
CABLE CODE	DRAW	CLIFF	DATE 2014/07/15
SCALE	CHECKER	APPROVAL	QIU
UNIT	MM	SHEET	1 OF 1

Unless specified on the drawing, tolerances are per the follows:
 .X ± 1
 .XX ± 0.2
 .XXX ± 0.05

3RD