



Category 6A Shielded U/FTP Reduced Diameter Patch Cords

AFL's category 6A shielded reduced diameter patch cords are a reliable patching solution for high speed 10 Gigabit Ethernet networks. Ideal for use in high density environments or where space is limited, their reduced diameter minimises clutter and allows for improved cable management.

Features

- Reduced 5.2 mm diameter, 28AWG conductors
- Low Smoke Zero Halogen jacket material
- Snag-less plug design
- Gold plated contact pins (50 micro-inches)

Applications

- 10GBase-T Ethernet
- 1000Base-T Gigabit Ethernet
- 100Base-TX Fast Ethernet
- 10Base-T Ethernet
- TIA/EIA 854 Gigabit Ethernet over Cat 6 Cabling

Specifications

RJ45 Plug	Housing	Polycarbonate, UL 94V-2, Transparent colour
	Contact Material	Phosphor Bronze with 50-60 micro-inch Nickel plated on surface contact area
	Contact Finish	Min. 50 micro-inch Gold plated
Cable	Wiring	T568B
	Type	Shielded U-FTP, 4 twisted pairs
	Jacket Material	LSZH
	Outer Diameter	5.2 ± 0.2 mm
	Conductor	28AWG standard copper
	Insulation	HDPE
Temperature Range	Shield	Aluminium foil on each pair
	Installation	0 to 50°C
	Storage	-20 to 70°C (under static conditions)
Bending Radius (no load)	Operation	-20 to 60°C (under static conditions)
	Min. 8x Cable Diameter	

Ordering Information

Description	AFL No.
C6A U/FTP Reduced Diameter 0.5 M Lead, Blue LSZH	AFL6A005SM-BU-L
C6A U/FTP Reduced Diameter 1 M Lead, Blue LSZH	AFL6A010SM-BU-L
C6A U/FTP Reduced Diameter 1.5 M Lead, Blue LSZH	AFL6A015SM-BU-L
C6A U/FTP Reduced Diameter 2 M Lead, Blue LSZH	AFL6A020SM-BU-L
C6A U/FTP Reduced Diameter 2.5 M Lead, Blue LSZH	AFL6A025SM-BU-L
C6A U/FTP Reduced Diameter 3 M Lead, Blue LSZH	AFL6A030SM-BU-L
C6A U/FTP Reduced Diameter 5 M Lead, Blue LSZH	AFL6A050SM-BU-L
C6A U/FTP Reduced Diameter 10 M Lead, Blue LSZH	AFL6A100SM-BU-L

Note: For alternate patch cord configurations, please contact AFL for more information.

Qualifications Table

IEC	IEC 60603-7: Plug structure and performance
	IEC 60332-1-2: LSZH
ISO/IEC	ISO/IEC 11801-1: Class E performance
ANSI/TIA	ANSI/TIA-568.2-D: Cat6 channel and connecting-hardware performance
ACMA	ACMA Compliant

