

# CATEGORY 6 U/UTP PATCH CORD



## PRODUCT OVERVIEW

Accell Category 6 UTP patch cords are manufactured using high quality unshielded four pair Category 6 stranded cable, and feature cable strain relief boots with a plug latch protection cap. This patch cord when used with high performance.

Each patch cord is tested with Fluke tester and individual cover include with the report. Accell Category 6 Patch cord is tested for transmission frequencies of up to 250 Mhz.

## COMPLIANCE

IEEE 802.af and IEEE 802.3at for PoE applications  
ANSI/TIA-568-C.2 and ISO/IEC-11801 (2nd Edition), IEC 61156-2,  
EN 50173; EN 50288-6-2 Category 6 standard

## DESIGN & MATERIALS

Basic Cable Conductor	Stranded Bare Annealed Copper
Wire Insulation	SFS PE
Outer Jacket And Boots	LSZH /PVC
Cable O.D.	5.7 ± 0.2 mm
Bend Radius	> 23 mm without load
Storage Temperature	-20°C to +80°C
Temperature Operating Range	-20°C to +75°C
Flame Test	IEC 60332-1 (LSZH)
Wire Scheme	T568B

## ELECTRICAL DATA

Impedance @ 1-250 MHz	100 ±15 Ω
Conductor Resistance	< 73 Ω/km
Contact Resistance	20 MΩ max.
Resistance Unbalance	2 % max.
Voltage Rating	72 V DC
Dielectric Strength	1 KV/min. rms
Ampacity	1.0 Amps max.
Insulation Resistance	150 MΩ/Km
Pair to Ground Capacitance Unbalance	3.3 nF/Km nom.

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## MECHANICAL & TRANSMISSION DATA

Cable To Plug Tensile Strength	96N min.
Pulling Force	10 N max.
Durability	1000 Mating Cycles
Propagation Delay 1-250MHz	<25 ns/100m

## ORDERING INFORMATION

Part Number	Description	Length
APC21101X	Category 6 U/UTP Patch Cord PVC 01m	1m
APC21102X	Category 6 U/UTP Patch Cord PVC 02m	2m
APC21103X	Category 6 U/UTP Patch Cord PVC 03m	3m
APC21105X	Category 6 U/UTP Patch Cord PVC 05m	5m
APC21201X	Category 6 U/UTP Patch Cord LSZH 01m	1m
APC21202X	Category 6 U/UTP Patch Cord LSZH 02m	2m
APC21203X	Category 6 U/UTP Patch Cord LSZH 03m	3m
APC21205X	Category 6 U/UTP Patch Cord LSZH 05m	5m
APC21210X	Category 6 U/UTP Patch Cord LSZH 10m	10m
APC21220X	Category 6 U/UTP Patch Cord LSZH 20m	20m

X: BK(Black), BL(Blue), GN(Green), GY(Gray), RD(Red), WH(White), YL(Yellow)

## PACKING INFORMATION

Part Number	Packing Qty.	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
APC21101X	150 x 1	Carton Box	7.8	8.8	520 x 420 x 290
APC21102X	120 x 1	Carton Box	10.5	11.5	520 x 420 x 290
APC21103X	100 x 1	Carton Box	12.3	13.3	520 x 420 x 290
APC21105X	60 x 1	Carton Box	12.3	13.3	520 x 420 x 290
APC21201X	150 x 1	Carton Box	7.8	8.8	520 x 420 x 290
APC21202X	120 x 1	Carton Box	10.5	11.5	520 x 420 x 290
APC21203X	100 x 1	Carton Box	12.3	13.3	520 x 420 x 290
APC21205X	60 x 1	Carton Box	12.3	13.3	520 x 420 x 290
APC21210X	35 x 1	Carton Box	14.3	15.3	520 x 420 x 290
APC21220X	20 x 1	Carton Box	15.5	16.5	520 x 420 x 290