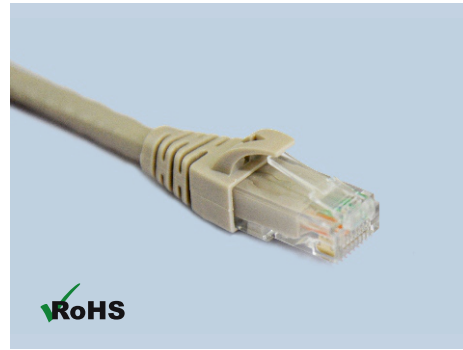


# CATEGORY 6 U/UTP PATCH CORD E-SERIES

Norden 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, delivers reliable connectivity. Each patch cord is tested with a Fluke tester, and an individual cover is included with the report. Norden 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.

## 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

# CATEGORY 6 U/UTP PATCH CORD E-SERIES

## TRANSMISSION PERFORMANCE DATA

Freq. (MHz)	NEXT(dB) min.			RL(dB) min.
	2m cord	5m cord	10m cord	
250	38.8	37.9	37.6	13.8

## ORDERING INFORMATION

Part Number	Description	Length
127-M11H5X	Category 6 U/UTP Patch Cord E-Series PVC 0.5m	0.5m
127-M1101X	Category 6 U/UTP Patch Cord E-Series PVC 01m	1m
127-M1102X	Category 6 U/UTP Patch Cord E-Series PVC 02m	2m
127-M1103X	Category 6 U/UTP Patch Cord E-Series PVC 03m	3m
127-M1105X	Category 6 U/UTP Patch Cord E-Series PVC 05m	5m
127-M1110X	Category 6 U/UTP Patch Cord E-Series PVC 10m	10m
127-M1115X	Category 6 U/UTP Patch Cord E-Series PVC 15m	15m
127-M1120X	Category 6 U/UTP Patch Cord E-Series PVC 20m	20m
127-M1125X	Category 6 U/UTP Patch Cord E-Series PVC 25m	25m
127-M21H5X	Category 6 U/UTP Patch Cord E-Series LSZH 0.5m	0.5m
127-M2101X	Category 6 U/UTP Patch Cord E-Series LSZH 01m	1m
127-M2102X	Category 6 U/UTP Patch Cord E-Series LSZH 02m	2m
127-M2103X	Category 6 U/UTP Patch Cord E-Series LSZH 03m	3m
127-M2105X	Category 6 U/UTP Patch Cord E-Series LSZH 05m	5m
127-M2110X	Category 6 U/UTP Patch Cord E-Series LSZH 10m	10m
127-M2115X	Category 6 U/UTP Patch Cord E-Series LSZH 15m	15m
127-M2120X	Category 6 U/UTP Patch Cord E-Series LSZH 20m	20m
127-M2125X	Category 6 U/UTP Patch Cord E-Series LSZH 25m	25m

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)
127-M11H5X	150 x 1	Carton Box	7.8	8.8	520 x 420 x 290
127-M1101X	150 x 1	Carton Box	7.8	8.8	520 x 420 x 290
127-M1102X	120 x 1	Carton Box	10.5	11.5	520 x 420 x 290
127-M1103X	100 x 1	Carton Box	12.3	13.3	520 x 420 x 290
127-M1105X	60 x 1	Carton Box	12.3	13.3	520 x 420 x 290
127-M1110X	35 x 1	Carton Box	14.3	15.3	520 x 420 x 290
127-M1115X	25 x 1	Carton Box	14.3	15.3	520 x 420 x 290
127-M1120X	20 x 1	Carton Box	15.5	16.5	520 x 420 x 290
127-M1125X	20 x 1	Carton Box	19.1	20.1	520 x 420 x 290
127-M21H5X	150 x 1	Carton Box	7.8	8.8	520 x 420 x 290
127-M2101X	150 x 1	Carton Box	7.8	8.8	520 x 420 x 290
127-M2102X	120 x 1	Carton Box	10.5	11.5	520 x 420 x 290
127-M2103X	100 x 1	Carton Box	12.3	13.3	520 x 420 x 290
127-M2105X	60 x 1	Carton Box	12.3	13.3	520 x 420 x 290
127-M2110X	35 x 1	Carton Box	14.3	15.3	520 x 420 x 290
127-M2115X	25 x 1	Carton Box	14.3	15.3	520 x 420 x 290
127-M2120X	20 x 1	Carton Box	15.5	16.5	520 x 420 x 290
127-M2125X	20 x 1	Carton Box	19.1	20.1	520 x 420 x 290