

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. Each patch cord is tested with Fluke tester and individual cover include 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 Electrolytic Grade Copper
Wire Insulation	Polyethylene (HDPE)
Outer Jacket And Boots	LSZH /PVC
Cable O.D.	5.90 ± 0.30 mm
Bend Radius	>25 mm without load
Storage Temperature	-20°C to +80°C
Operating Temperature 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	98Ω @20°C Max
Contact Resistance	20 MΩ max.
Resistance Unbalance	5% max.
Voltage Rating	72 V DC
Dielectric Strength	1 KV/min. rms
Nominal Velocity of Propagation	69%
Insulation Resistance	150 MΩ/Km
Pair to Ground Capacitance Unbalance	330 pf/100m Max.
Mutual Capacitance	5.6 nf/100 Max

MECHANICAL & TRANSMISSION DATA

Cable To Plug Tensile Strength	90 N min.
Pulling Force	10 N max.
Durability	750 Mating Cycles
Worst Case Cable Skew	45 ns/100m

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ORDERING INFORMATION

Part Number	Description	Length
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)