

CATEGORY 6 F/UTP PATCH CORD E-SERIES

Norden Category 6 F/UTP patch cords are manufactured using high quality F/UTP 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 Annealed Copper
Wire Insulation	SFS PE
Shield	Aluminium foil
Drain Wire	Yes
Outer Jacket and Boots	LSZH or PVC
Cable O.Diameter	6.0 ± 0.2 mm
Bend Radius	>25 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 Vdc
Dielectric Strength	1 KV/min.rms
Ampacity	1.0 Amps max.
Insulation Resistance	150 MΩ/Km
Transfer Impedance	N/A
Pair To Ground Capacitance Unbalance	3.3 nF/Km nom.

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MECHANICAL & TRANSMISSION DATA

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

ELECTRICAL 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-H1201X	Category 6 F/UTP Patch Cord E-Series PVC 01m	1m
127-H1202X	Category 6 F/UTP Patch Cord E-Series PVC 02m	2m
127-H1203X	Category 6 F/UTP Patch Cord E-Series PVC 03m	3m
127-H1205X	Category 6 F/UTP Patch Cord E-Series PVC 05m	5m
127-H1210X	Category 6 F/UTP Patch Cord E-Series PVC 10m	10m
127-H1215X	Category 6 F/UTP Patch Cord E-Series PVC 15m	15m
127-H1220X	Category 6 F/UTP Patch Cord E-Series PVC 20m	20m
127-H1225X	Category 6 F/UTP Patch Cord E-Series PVC 25m	25m
127-H2201X	Category 6 F/UTP Patch Cord E-Series LSZH 01m	1m
127-H2202X	Category 6 F/UTP Patch Cord E-Series LSZH 02m	2m
127-H2203X	Category 6 F/UTP Patch Cord E-Series LSZH 03m	3m
127-H2205X	Category 6 F/UTP Patch Cord E-Series LSZH 05m	5m
127-H2210X	Category 6 F/UTP Patch Cord E-Series LSZH 10m	10m
127-H2215X	Category 6 F/UTP Patch Cord E-Series LSZH 15m	15m
127-H2220X	Category 6 F/UTP Patch Cord E-Series LSZH 20m	20m
127-H2225X	Category 6 F/UTP Patch Cord E-Series LSZH 25m	25m

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

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PACKING INFORMATION

Part Number	Packing Qty.	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
127-H1201X	150 x 1	Carton Box	8.6	9.7	520 x 420 x 290
127-H1202X	120 x 1	Carton Box	11.6	12.7	520 x 420 x 290
127-H1203X	100 x 1	Carton Box	13.5	14.6	520 x 420 x 290
127-H1205X	60 x 1	Carton Box	13.5	14.6	520 x 420 x 290
127-H1210X	35 x 1	Carton Box	15.7	16.8	520 x 420 x 290
127-H1215X	25 x 1	Carton Box	15.7	16.8	520 x 420 x 290
127-H1220X	20 x 1	Carton Box	17.1	18.2	520 x 420 x 290
127-H1225X	20 x 1	Carton Box	21.0	22.1	520 x 420 x 290
127-H2201X	150 x 1	Carton Box	8.6	9.7	520 x 420 x 290
127-H2202X	120 x 1	Carton Box	11.6	12.7	520 x 420 x 290
127-H2203X	100 x 1	Carton Box	13.5	14.6	520 x 420 x 290
127-H2205X	60 x 1	Carton Box	13.5	14.6	520 x 420 x 290
127-H2210X	35 x 1	Carton Box	15.7	16.8	520 x 420 x 290
127-H2215X	25 x 1	Carton Box	15.7	16.8	520 x 420 x 290
127-H2220X	20 x 1	Carton Box	17.1	18.2	520 x 420 x 290
127-H2225X	20 x 1	Carton Box	21.0	22.1	520 x 420 x 290