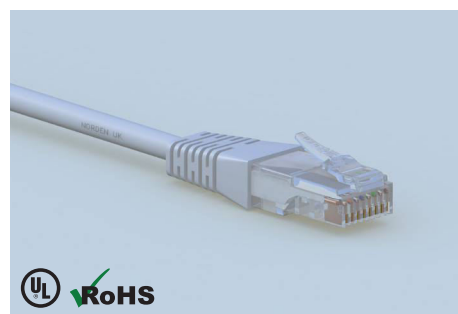


CATEGORY 5E U/UTP PATCH CORD

Norden Category 5e patch cords are designed for Electro-magnetic Compatibility, minimizing radiation and maximizing noise immunity. A unique double termination method providing the advantage of both molded and non-molded terminations is implemented in this product. High return loss & NEXT loss values ensure low BER (Bit error Ratio) in all application. This Patch cord is tested for transmission frequencies of up to 100 MHz and high quality plug is designed with integrated strain relief boot.



COMPLIANCE

IEEE 802.af, IEEE 802.3at for PoE applications.
ANSI/TIA-568-C.2:2009 Category 5e.
ISO/IEC-11801 2nd Edition Class D.
IEC 61156-6, EN 50173-1; EN 50288-3-2

DESIGN & MATERIALS

Basic Cable Conductor	Stranded Bare Annealed Copper
Wire Insulation	HD PE
Number Of Insulated Conductors	8
Colour Code Of Pairs	Blue x White, Orange x White, Green x White, Brown x White
Individual Pair Shield	Nil
Overall Shield	Nil
Drain Wire	None
Outer Jacket And Boots	LSZH Low Smoke Zero Halogen or PVC
Jacket and Boot Colour	Per Requirement
Standard Surface Marking	Includes Norden P/N, cable description
Cable O.Diameter	5.3 ± 0.2 mm
Bend Radius	> 22 mm without load
Storage Temperature	-20 °C to +80 °C
Temperature Operating Range	-20 °C to +75 °C
Flame Test	IEC 60332-1
Halogen Content In LSZH Cables	Null
Wire Scheme	T568B

ELECTRICAL DATA

Impedance @ 1-100 Mhz	100 ±15 Ω
Conductor Resistance	< 94 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.

CATEGORY 5E U/UTP PATCH CORD

MECHANICAL & TRANSMISSION DATA

Cable To Plug Tensile Strength	55 N min.
Pulling Force	10 N max.
Durability	> 750 Mating Cycles
Propagation Delay 1-100 MHz	< 45 ns/100m

ELECTRICAL PERFORMANCE DATA

Freq. (MHz)	NEXT(dB) min.			RL(dB) min.
	2m cord	5m cord	10m cord	
1	70.0	70.0	70.0	20.0
4	64.3	63.5	62.4	21.8
8	56.4	55.6	54.7	22.0
10	54.5	53.7	52.8	22.9
16	50.4	49.8	48.9	23.3
20	48.6	47.9	47.1	23.6
30	45.8	45.2	44.6	23.0
60	40.0	39.5	39.1	19.8
100	36.1	35.8	35.6	17.9

ORDERING INFORMATION

Part Number	Description	Length
127-21101X	Category 5e U/UTP Patch Cord PVC 01m	1m
127-21102X	Category 5e U/UTP Patch Cord PVC 02m	2m
127-21103X	Category 5e U/UTP Patch Cord PVC 03m	3m
127-21105X	Category 5e U/UTP Patch Cord PVC 05m	5m
127-21110X	Category 5e U/UTP Patch Cord PVC 10m	10m
127-21115X	Category 5e U/UTP Patch Cord PVC 15m	15m
127-21120X	Category 5e U/UTP Patch Cord PVC 20m	20m
127-21125X	Category 5e U/UTP Patch Cord PVC 25m	25m
127-22101X	Category 5e U/UTP Patch Cord LSZH 01m	1m
127-22102X	Category 5e U/UTP Patch Cord LSZH 02m	2m
127-22103X	Category 5e U/UTP Patch Cord LSZH 03m	3m
127-22105X	Category 5e U/UTP Patch Cord LSZH 05m	5m
127-22110X	Category 5e U/UTP Patch Cord LSZH 10m	10m
127-22115X	Category 5e U/UTP Patch Cord LSZH 15m	15m
127-22120X	Category 5e U/UTP Patch Cord LSZH 20m	20m
127-22125X	Category 5e U/UTP Patch Cord LSZH 25m	25m

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

CATEGORY 5E U/UTP PATCH CORD

PACKING INFORMATION

Part Number	Packing Qty.	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
127-21101X	200 x 1	Carton Box	8.5	9.5	520 x 420 x 290
127-21102X	150 x 1	Carton Box	12.6	13.6	520 x 420 x 290
127-21103X	100 x 1	Carton Box	11.5	12.5	520 x 420 x 290
127-21105X	80 x 1	Carton Box	14.3	15.3	520 x 420 x 290
127-21110X	40 x 1	Carton Box	14.3	15.3	520 x 420 x 290
127-21115X	30 x 1	Carton Box	15.8	16.8	520 x 420 x 290
127-21120X	20 x 1	Carton Box	16.8	17.8	520 x 420 x 290
127-21125X	20 x 1	Carton Box	19.7	21.7	520 x 420 x 290
127-22101X	200 x 1	Carton Box	8.5	9.5	520 x 420 x 290
127-22102X	150 x 1	Carton Box	12.6	13.6	520 x 420 x 290
127-22103X	100 x 1	Carton Box	11.5	12.5	520 x 420 x 290
127-22105X	80 x 1	Carton Box	14.3	15.3	520 x 420 x 290
127-22110X	40 x 1	Carton Box	14.3	15.3	520 x 420 x 290
127-22115X	30 x 1	Carton Box	15.8	16.8	520 x 420 x 290
127-22120X	20 x 1	Carton Box	16.8	17.8	520 x 420 x 290
127-22125X	20 x 1	Carton Box	19.7	21.7	520 x 420 x 290