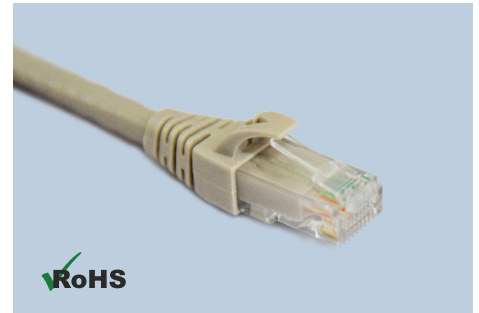


CATEGORY 5E UTP 26 AWG COPPER COVERED ALUMINIUM PATCH CORD

Norden Category 5e patch cords are designed for Electro-magnetic Compatibility, minimizing radiation and maximizing noise immunity. 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

ISO / IEC 11801
TIA / EIA 568.2 100MHz
CT-8681FA: 100% electrical performance test parameter settings

DESIGN & MATERIALS

Basic Cable Conductor	Copper Covered Aluminium , 26 AWG
Wire Insulation	Transparent PC
Outer Jacket And Boots	PVC
Cable O.Diameter	5.0 ± 0.2 mm
Bend Radius	>22 mm without load
Storage Temperature	-20°C to +80°C
Temperature Operating Range	-20°C to +75°C
Wire Scheme	T568B

ELECTRICAL DATA

Impedance @ 1-100 Mhz	100 ±15 Ω
Conductor Resistance	2.0 Ω (Max.)
Voltage rating	72 V DC
Dielectric strength	1 KV/min rms
Ampacity	1.0 Amps max.
Insulation Resistance	5 MΩ (Min.)

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

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ELECTRICAL PERFORMANCE DATA

Freq. (MHz)	NEXT(dB) min.			RL(dB) min.
	2m cord	5m cord	10m cord	
100	36.1	35.8	35.6	17.9

ORDERING INFORMATION

Part Number	Description	Length
12Q-21102X	Category 5e UTP 26 AWG Copper Covered Aluminium Patch cord PVC 02m	2m

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