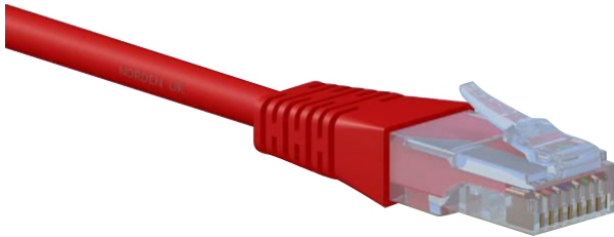


CATEGORY 6 S/FTP PATCH CORD



PRODUCT OVERVIEW

Accell Category 6 S/FTP patch cords are manufactured using high quality shielded 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 Accell Category 6 connectivity (Solid shielded cable, patch panels and work area outlets), provide superior performance capabilities of high bandwidth (Gigabit 1000Base-T and 1000Base-Tx) applications support.

This is fully backward compatible to Category 5e (Class D) products. 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. Each patch cord is tested with Fluke tester and individual cover include with the report. Accell 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
Number Of Insulated Conductors	Blue x White, Orange x White, Green x White, Brown x White
Individual Pair Shield	Polyester-Aluminium foil
Overall Shield	Tinned Copper, Braid
Drain Wire	No
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.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
Halogen Content In LSZH Cables	Null
Wire Scheme	T568B

CATEGORY 6 S/FTP PATCH CORD

ELECTRICAL DATA

Impedance @ 1-100MHz	100 ±15 Ω
Impedance @ 100-250MHz	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.

MECHANICAL & TRANSMISSION DATA

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

ELECTRICAL PERFORMANCE DATA

Freq. (Mhz)	NEXT(dB) min.			RL(dB) min.
	2m cord	5m cord	10m cord	
1	68.0	68.0	68.0	20.0
4	65.0	65.0	65.0	21.8
10	64.8	64.2	62.8	22.5
20	60.9	58.6	57.2	23.4
30	56.2	54.9	53.6	23.0
60	50.4	49.2	48.1	20.0
100	46.4	45.3	44.4	18.0
125	44.5	43.5	42.7	17.0
150	43.2	42.2	41.1	16.2
200	40.8	39.6	39.1	15.0
250	38.8	37.9	37.6	13.8

ORDERING INFORMATION

Part Number	Description	Length
APC25201X	Category 6 S/FTP Patch Cord LSZH 01m	1m
APC25202X	Category 6 S/FTP Patch Cord LSZH 02m	2m
APC25203X	Category 6 S/FTP Patch Cord LSZH 03m	3m

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

CATEGORY 6 S/FTP PATCH CORD

PACKING INFORMATION

Part Number	Packing Qty.	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
APC25201X	125 x 1	Carton Box	8.5	9.5	520 x 420 x 290
APC25202X	80 x 1	Carton Box	9.5	10.5	520 x 420 x 290
APC25203X	60 x 1	Carton Box	10.8	11.8	520 x 420 x 290