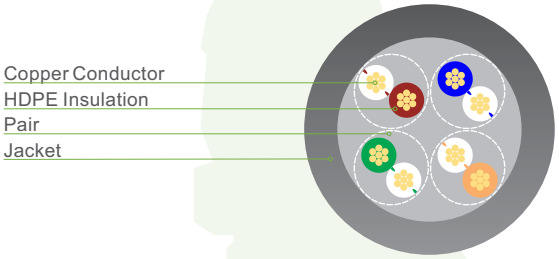
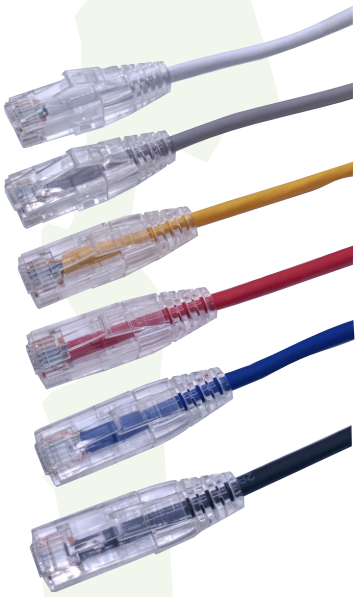
Nitrotel Manufacturing
Low Voltage Products & Fiber Optic

Part No.
NTPC5EXXXXSL

PRODUCT DATA SHEET

Engineerpro® U/UTP unshielded twisted 4 pairs category 5E slim patch cord





Standard

- Electrical performance guaranteed to meet or exceed
- ANSI/TIA-568.2-D Category 5e and ISO/EIC specifications.
- Ideal for Data center architectural requirements.
- Stranded cable for maximum flexibility.
- Available with different plug mold.
- Available with different color of cable.
- Available with different length.

Conductor

Conductor	stranded bare copper 28AWG
Insulation	HDPE
Total number of insulated conductors	8, twisted in 4 pairs
Color code	White-Blue/Blue,White-Orange/Orange White-Green/Green,White-Brown/Brown
Individual pair shield	None
Overall shield	None
Drain wire	None

Order information (Part Number)

NTPC5E_ _ _ _ SL

Available Length

01	02	03
05	07	10
15	25	50

Jacket Color

BU	RD	WH	YL
GY	BK	GN	OR

Special orders available upon request.

Nominal Transmission Characteristics

Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
Ω	Max.	ns	ns	MHz	dB	dB	dB	dB	dB	dB	dB	dB
i	100m	555	50	1	3	60.0	17.0	57.0	57.4	57.0	54.0	54.4
				4	4.5	53.5	17.0	49.1	45.4	50.5	46.1	42.4
				8	6.3	48.6	17.0	42.3	39.3	45.6	39.3	36.3
				10	7.1	47.0	17.0	39.9	37.4	44.0	36.9	34.4
				16	9.1	43.6	17.0	34.5	33.3	40.6	31.5	30.3
				20	10.2	42.0	17.0	31.8	31.4	39.0	28.8	28.4
				25	11.4	40.3	16.0	28.9	29.4	37.3	25.9	26.4
				31.25	12.9	38.7	15.1	25.9	27.5	35.7	22.9	24.5
				62.5	18.6	33.6	12.1	15.0	21.2	30.6	12.0	18.5
				100	24	30.1	10.0	6.1	17.4	27.1	3.1	14.4

RoHS compliant ISO 14001 ISO 9001 CE