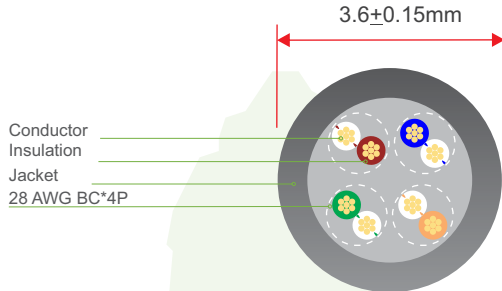


PRODUCT DATA SHEET

Engineerpro® U/UTP unshielded twisted 4 pairs category 6 slim patch cord 28AWG



Standard

- Electrical performance guaranteed to meet or exceed ANSI/TIA-568.2-D Category 6 and ISO/EIC specifications.
- PoE Compliance: Supports IEEE 802.3f/ 802.3at /802.3bt at PoE++ applications.
- Independently tested and verified UL and (ETL).
- Ideal for Data center architectural requirements.
- Stranded cable for maximum flexibility.
- Available with different color of cable and different length.

Conductor

Conductor	
Insulation	PVC (CM) Option LSZH
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)
NTPC6E SL

01	02	03
05	07	10
15	17	25
33	50	66
98		

Jacket Color



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	65.0	19.0	62.0	63.3	62.0	59.0	60.3
				4	4	63.0	19.0	59.0	51.2	60.5	56.5	48.2
				8	5.7	58.2	19.0	52.5	45.2	55.6	49.9	42.2
				10	6.3	56.6	19.0	50.2	43.3	54.0	47.7	40.3
				16	8	53.2	18.0	45.2	39.2	50.6	42.6	36.2
				20	9	51.6	17.5	42.6	37.2	49.0	39.9	34.2
				25	10.1	50.0	17.0	39.9	35.3	47.3	37.2	32.3
				31.25	11.4	48.4	16.5	37.0	33.4	45.7	34.3	30.4
				62.5	16.5	43.4	14.0	26.9	27.3	40.6	24.1	24.3
				100	21.3	39.9	12.0	18.6	23.3	37.1	15.8	20.3
				200	31.5	34.8	9.0	3.3	17.2	31.9	0.3	14.2
				250	35.9	33.1	8.0	-2.8	15.3	30.2	-5.8	12.3

