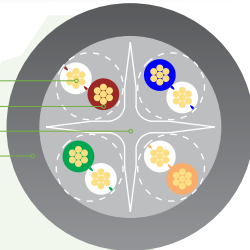


**PRODUCT DATA SHEET**

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



Conductor  
HDPE Insulation  
Cross Filler  
Jacket



**Standard**

- Electrical performance guaranteed to meet or exceed ANSI/TIA-568.2-D Category 6A and ISO/EIC specifications.
- PoE Compliance: Supports IEEE 802.3f/ 802.3at /802.3bt at PoE++ applications.
- 10GBASE-T Ethernet
- Independently tested and verified UL and ETL.
- Ideal for Data center architectural requirements.
- Stranded cable for maximum flexibility.
- Available with different plug mold.
- Available with different color of cable and different length.



**Conductor**

Conductor	Stranded Bare Copper 28 AWG
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(PartNumber)  
NTPC6A SL

Available Length			Jacket Color			
01	02	03	BU	RD	WH	YL
05	07	10	GY	BK	GN	OR
15	25	50				

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
$\Omega$	Max.	ns	ns	MHz	dB	dB	dB	dB	dB	dB	dB	dB
i	100m	550	50	1	3	65.0	19.0	62.0	63.3	62.0	59.0	60.3
				4	4.2	63.0	19.0	58.9	51.2	60.5	56.4	48.2
				8	5.8	58.2	19.0	52.4	45.2	55.6	49.8	42.2
				10	6.5	56.6	19.0	50.1	43.3	54.0	47.5	40.3
				16	8.2	53.2	18.0	45.0	39.2	50.6	42.4	36.2
				20	9.2	51.6	17.5	42.5	37.2	49.0	39.8	34.2
				25	10.2	50.0	17.0	39.8	35.3	47.3	37.1	32.3
				31.25	11.5	48.4	16.5	36.9	33.4	45.7	34.2	30.4
				62.5	16.4	43.4	14.0	27.0	27.3	40.6	24.2	24.3
				100	20.9	39.9	12.0	19.0	23.3	37.1	16.2	20.3
				200	30.1	34.8	9.0	4.7	17.2	31.9	1.8	14.2
				250	33.9	33.1	8.0	-0.8	15.3	30.2	-3.7	12.3
				350	40.6	30.3	6.6	-10.3	12.4	27.3	-13.3	9.4
				500	49.3	26.1	6.0	-23.2	9.3	23.2	-26.1	6.3

