

# STRUCTURE CABLING

## PATCH CORD

S/FTP double fully shielded twisted 4 pairs category 6A patch cord



Conductor  
Al-mylar Foil  
Braid  
Insulation(skin-foam-skin)  
Jacket



### Standard

- Electrical performance guaranteed to meet or exceed ANSI/TIA-568B Category 6A and ISO/EIC specifications.
- Independently tested and verified intertek(ETL).
- 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	standed bare copper 26AWG
Insulation	PE(Foam-Skin)
Total number of insulated conductors	8, twisted in 4 pairs
Color code	blue x white, orange x white, green x white, brown x white
Individual pair shield	aluminum foil, providing 100% coverage, foil face out
Overall shield	Tinned copper braid
Drain wire	None

### 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	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