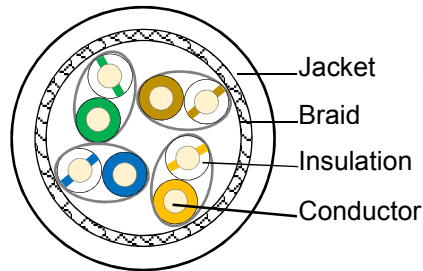




Cat 6A Shielded Patch Cords

Description

Alantek Patch Cords are designed to assure high performance over longer distances. The patch cables are composed of 4-pairs, 26 AWG Stranded Conductors. The patch cables are terminated in factory with 8P8C, 50u" gold plated RJ45 Plugs and Rubber Boots. All Patch Cords are 100% tested in factory to ensure 10 Gigabit performance.



Standard

- ANSI/TIA 568C.2, ISO/IEC 11801, IEC 332-1, IEC 60332-1-2, EN 50173-1, EN 50173-2, IEC61935-2

Features

- 10 Gigabit Performance
- 26 AWG Stranded Copper Conductors
- Comes with Strain Relief Boots
- Comes in various colours
- Fire Retardant LSZH Jacket
- 100% Factory Terminated
- 100% Factory Tested

Specification

Cable:	S/FTP Cat 6A
Conductor:	Stranded Bare Copper 4P*26AWG (7/0.16)
Insulation:	PE
Jacket:	PVC/LSZH
OD:	6.2±0.2mm

Characteristics

• RJ45 Plug:	8P8C 50u" gold plated
• Insulation Resistance:	≥10 M Ω
• Insulation Resistance by Mated Connectors:	≥ AC1000V
• Characteristic Impedance:	100 +/- 6 ohm@ 1-500Mhz
• Contact Resistance:	20 mΩ max
• Resistance unbalance:	2% Max
• Voltage Rating:	75 Vac Max
• Dielectric Strength:	1000 Volts/1 minute min rms
• Transportation and storage [°C] :	-25 °C to +70 °C
• Installation temperature [°C] :	-10 °C to +50 °C
• Operating temperature[°C] :	-25 °C to +60 °C



Performance

FREQ	Insertion Loss	NEXT	RL	PSNEXT	ACR-N	PS ACR-N	ACR-F	PS ACR-F
MHz	(max.dB) Limit (dB)	(min.dB) Limit (dB)	(min.dB) Limit (dB)	(min.dB) Limit (dB)	(min.dB) Limit (dB)	(min.dB) Limit (dB)	(min.dB) Limit (dB)	(min.dB) Limit (dB)
1	3	65	19	62	62	59	63.3	60.3
4	4.2	63	19	60.5	58.9	56.4	51.2	48.2
8	5.8	58.2	19	55.6	52.4	49.8	45.2	42.2
10	6.5	56.6	19	54	50.1	47.5	43.3	40.3
16	8.2	53.2	18	50.6	45	42.4	39.2	36.2
20	9.2	51.6	17.5	49	42.5	39.8	37.2	34.2
25	10.2	50	17	47.3	39.8	37.1	35.3	32.3
31.25	11.5	48.4	16.5	45.7	36.9	34.2	33.4	30.4
62.5	16.4	43.4	14	40.6	27	24.2	27.3	24.3
100	20.9	39.9	12	37.1	19	16.2	23.3	20.3
200	30.1	34.8	9	31.9	4.7	1.8	17.2	14.2
250	33.9	33.1	8	30.2	-0.8	-3.7	15.3	12.3
300	37.4	31.7	7.2	28.8	-5.6	-8.6	13.7	10.7
400	43.7	28.7	6	25.8	-14.9	-17.9	11.2	8.2
500	49.3	26.1	6	23.2	-23.2	-26.1	9.3	6.3

Ordering Information

Part Nos	Description
302-4MSAxx-MLyy	xx meter, Cat 6A S/FTP shielded 4-Pairs Molded Patch Cords, LSZH

*PVC upon request

Available colours (yy):

**BL= Black , WH= White, RD= Red, GN= Green, BU= Blue, PR= Purple,
OR= Orange, YL= Yellow, GY=Grey**