

## REF: CORD6AUxyMSH

500 MHz Category 6A component RJ45 U/UTP LSZH patch cord



### Description

- Category 6A molded U/UTP unshielded patch cords
- 4 pairs, stranded 24 AWG, 500 MHz
- 100% component category 6A according to Amd. 2.0 ISO 11801
- Color Coding : EIA/TIA 568 B
- PE cross separator
- Plug type: RJ45 8P 8C– contacts gold 50 µinch 3 prong
- 5 different available length : 1m – 2m – 3m – 5m – 10m (others on demand)
- Individual Packing

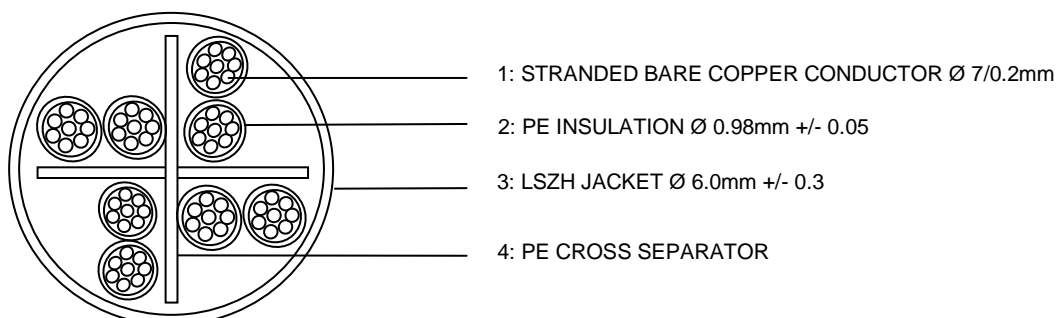
### Standards / Performances

<b>CABLE</b>	EIA/TIA 568.C-2 :2009 IEC 61156-6 IEC 61935-2:2010 Ed3.0
<b>SYSTEM</b>	EIA/TIA 568-C.2 Category 6A CHANNEL ISO 11801 Amd. 1.0 – CLASSE EA CHANNEL EN 50173 Edition 2 – CLASSE A CHANNEL

### Characteristics

<b>CONDUCTOR RESISTANCE (MAX)</b>	95 Ω/km
<b>MUTAL CAPACITANCE (MAX)</b>	56 pF/m
<b>OPERATING TEMPERATURE</b>	- 10° C / + 60°C
<b>BENDING RADIUS</b>	24.8 mm
<b>CONFORMITY</b>	Conforming to RoHS

### Construction



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**Performances**

Freq. (MHz)	Ins. Loss (dB/100m)	RL (dB)	Pair to Pair		Power Sum		Po. Delay (ns/100)
			NEXT	ELFEXT	NEXT	ELFEXT	
			(dB/100m)		(dB/100m)		
	Max.	Min.	Min.	Min.	Min.	Min.	Max.
1	2.3	19.0	65.0	63.3	62.0	60.3	580.0
4	4.2	19.0	63.0	51.2	60.5	48.2	562.0
8	5.8	19.0	58.2	45.2	55.6	42.2	556.7
10	6.5	19.0	56.6	43.3	54.0	40.3	555.4
16	8.2	18.0	53.2	39.2	50.6	36.2	553.0
20	9.2	17.5	51.6	37.2	49.0	34.2	552.0
25	10.2	17.0	50.0	35.3	47.3	32.3	551.2
31.25	11.5	16.5	48.4	33.4	45.7	30.4	550.4
62.5	16.4	14.0	43.4	27.3	40.6	24.3	548.6
100	20.9	12.0	39.9	23.3	37.1	20.3	547.6
200	30.1	9.0	34.8	17.2	31.9	14.2	546.5
250	33.9	8.0	33.1	15.3	30.2	12.3	546.3
300	37.4	7.2	31.7	13.7	28.8	10.7	546.1
400	43.7	6.0	28.7	11.2	25.8	8.2	545.8
500	49.3	6.0	26.1	9.3	23.2	6.3	545.6

**Ordering information**

Item No	Designation	Lenght	Packaging
CORD6AUxxMSH	CAT6A unshielded patch cord LSZH Grey color	Replace X by 01/02/03/05 and 10 for the lenght	Unit
CORD6AUxxRMSH	CAT6A unshielded patch cord LSZH Red color	Replace X by 01/02/03/05 and 10 for the lenght	Unit
CORD6AUxxJMSH	CAT6A unshielded patch cord LSZH Yellow color	Replace X by 01/02/03/05 and 10 for the lenght	Unit
CORD6AUxxBMSH	CAT6A unshielded patch cord LSZH Blue color	Replace X by 01/02/03/05 and 10 for the lenght	Unit
CORD6AUxxVMSH	CAT6A unshielded patch cord LSZH Green color	Replace X by 01/02/03/05 and 10 for the lenght	Unit