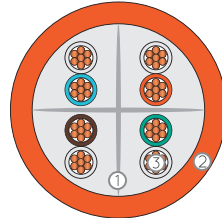




PRODUCT DESCRIPTION

- The barpa Category 6 UTP LSZH patch cord belongs to the unshielded barpa cabling system. Flexible, for effective management of network connections. It meets and exceeds international standards for Cat 6.



- ① Cross Separator;
- ② Outer Jacket;
- ③ Conductor.



• APPLICATIONS

- 100BASE-TX Fast Ethernet; • Composite Video; • Token Ring; • 1000BASE-T Gigabit Ethernet; • 155Mbps ATM; • 622Mbps ATM.

• FEATURES

Compatibility with CAT6

Low Smoke Halogen Free Materials as Standard

25 Years System Warranty

RJ45 Connectors - Flash Gold Plated

T568B Wiring Scheme

• STANDARD CONFORMITY

- ANSI/TIA-568-C.2; • ISO/IEC 11801; • EN 50173; • IEC 61935-2.

• ENVIRONMENTAL CONDITIONS

Operating Temperature (°C)	-20 to 60
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• DIMENSIONS

Lenght Tolerance (%)	± 3
Cable Diameter (mm)	5.0 ± 0.03

• SPECIFICATIONS

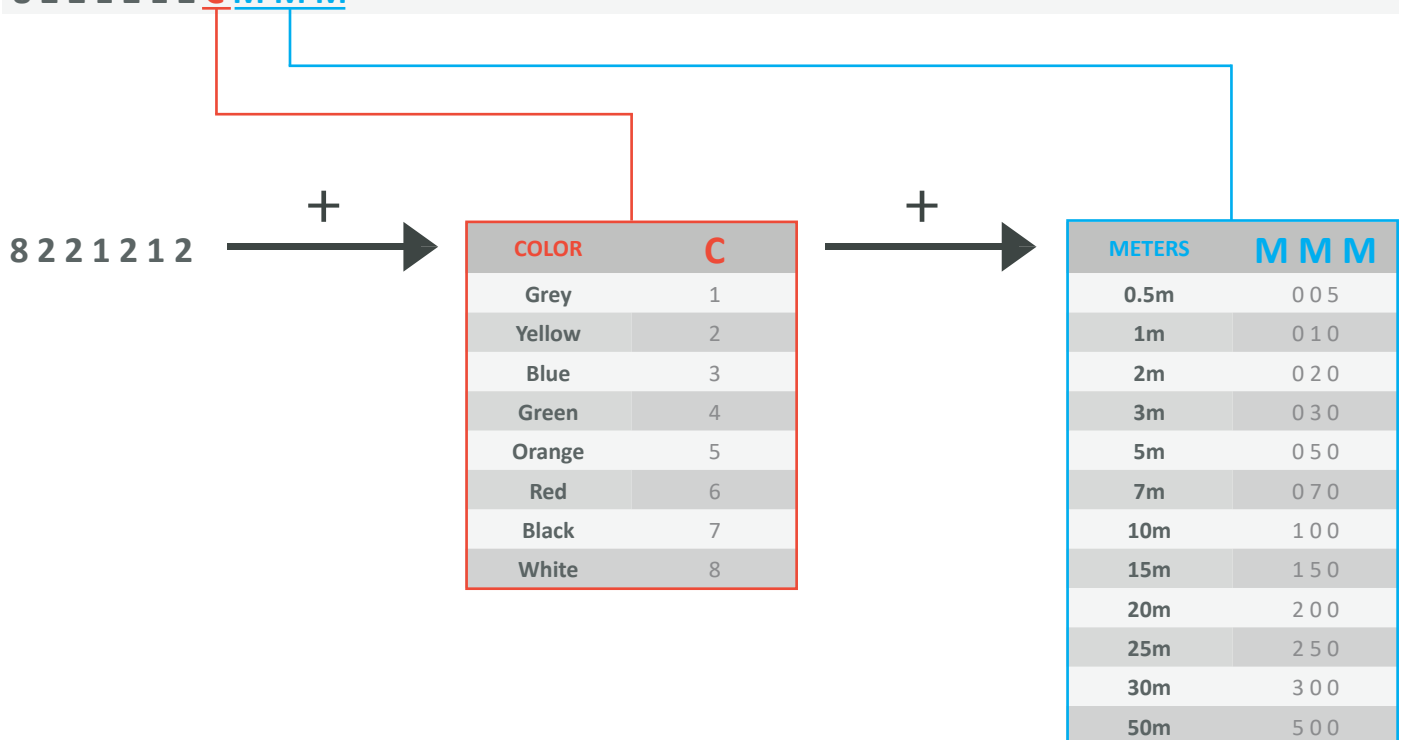
Conductor (AWG)	26
Material	Copper
Durability	750 times (Insertion Cycles (plug in/out))
Contact Resistance (mΩ)	< 20
Resistance Unbalance (%)	3
Dielectric Strength V (DC)	1000
Insulation Resistance (mΩ)	> 1000

• TECHNICAL PERFORMANCE

Frequency (MHz)	Next Limit (min. Typical)	PS Next Limit (min. Typical)	ACR Limit (min. Typical)	RL Limit (min. Typical)
1	65.0	62.0	62.0	3.0
4	63.0	60.5	59.0	4.0
8	58.2	55.6	52.5	5.7
10	56.6	54.0	50.2	6.3
16	53.2	50.6	45.2	8.0
20	51.6	49.0	42.6	9.0
25	50.0	47.3	39.9	10.1
31.25	48.4	45.7	37.0	11.4
62.5	43.4	40.6	26.9	16.5
100	39.9	37.1	18.6	21.3
200	34.8	31.9	3.3	31.5
250	33.1	30.2	-2.8	35.9

• PART NUMBER BREAKDOWN - ORDER INFORMATION

8 2 2 1 2 1 2 **C M M M**



• GREY (RAL7035); • YELLOW (RAL1018); • BLUE (RAL5017); • GREEN (RAL6016); • ORANGE (RAL2008); • RED (RAL3028); • BLACK (RAL9005).

Note: Non standards colours, lengths & configurations available on request.

• PACKAGING INFORMATION

Meters	Type	Quantity	Size (mm)	Gross Weight (kg)	Net Weight (kg)
0.5	Individual Bag Package	1	-	0.027	0.021
	Carton	250	490x300x280	6.800	5.300
1	Individual Bag Package	1	-	0.041	0.034
	Carton	210	490x300x280	8.600	7.100
2	Individual Bag Package	1	-	0.074	0.060
	Carton	110	490x300x280	8.100	6.600
3	Individual Bag Package	1	-	0.100	0.085
	Carton	100	490x300x280	10.000	8.500
5	Individual Bag Package	1	-	0.159	0.137
	Carton	70	490x300x280	11.100	9.600
7	Individual Bag Package	1	-	0.213	0.188
	Carton	60	490x300x280	12.800	11.300
10	Individual Bag Package	1	-	0.303	0.265
	Carton	40	490x300x280	12.100	10.600
15	Individual Bag Package	1	-	0.443	0.393
	Carton	30	490x300x280	13.300	11.800
20	Individual Bag Package	1	-	0.600	0.525
	Carton	20	490x300x280	12.000	10.500
25	Individual Bag Package	1	-	0.725	0.650
	Carton	20	490x300x280	14.500	13.000
30	Individual Bag Package	1	-	0.875	0.781
	Carton	16	490x300x280	14.000	12.500
50	Individual Bag Package	1	-	1.450	1.300
	Carton	10	490x300x280	14.500	13.000



As part of our goal to achieve quality excellence, our barpa System Warranty can give you 25 years products and solution assurance of compliance with the industry performance standard comparing with the class installed. This warranty applies to network infrastructure installations that was made by an approved barpa partner using an barpa solution (end-to-end). For more informations go to our website.