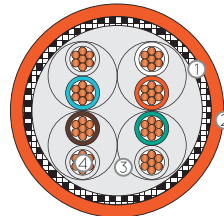


**PRODUCT DESCRIPTION**

- The barpa Category 6 FTP LSZH patch cord belongs to the shielded barpa cabling system. Flexible, for effective management of network connections, gives the maximum protection from EMI/RFI interference. It meets and exceeds international standards for Cat 6.



- ① Al/Mylar;
- ② Outer Jacket;
- ③ Aluminum Foil;
- ④ Conductor.



**• APPLICATIONS**

- 100BASE-TX Fast Ethernet; • Composite Video; • 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

Wiring Scheme T658B

**• 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)	5.6 ± 0.02

**• SPECIFICATIONS**

Conductor (AWG)	27
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)	> 100

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More information: [info@barpa.eu](mailto:info@barpa.eu) or in [www.barpa.eu](http://www.barpa.eu)

### • 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 2 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	-	0.029	0.022
	Carton	220	490x300x280	6.400	4.900
1	Individual Bag Package	1	-	0.045	0.037
	Carton	180	490x300x280	8.100	6.600
2	Individual Bag Package	1	-	0.080	0.065
	Carton	100	490x300x280	8.000	6.500
3	Individual Bag Package	1	-	0.113	0.094
	Carton	80	490x300x280	9.000	7.500
5	Individual Bag Package	1	-	0.175	0.150
	Carton	60	490x300x280	10.500	9.000
7	Individual Bag Package	1	-	0.245	0.208
	Carton	40	490x300x280	9.800	8.300
10	Individual Bag Package	1	-	0.343	0.293
	Carton	30	490x300x280	10.300	8.800
15	Individual Bag Package	1	-	0.500	0.432
	Carton	22	490x300x280	11.000	9.500
20	Individual Bag Package	1	-	0.650	0.575
	Carton	20	490x300x280	13.000	11.500
25	Individual Bag Package	1	-	0.800	0.717
	Carton	18	490x300x280	14.400	12.900
30	Individual Bag Package	1	-	0.950	0.856
	Carton	16	490x300x280	15.200	13.700
50	Individual Bag Package	1	-	1.580	1.430
	Carton	10	490x300x280	15.800	14.300



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.