



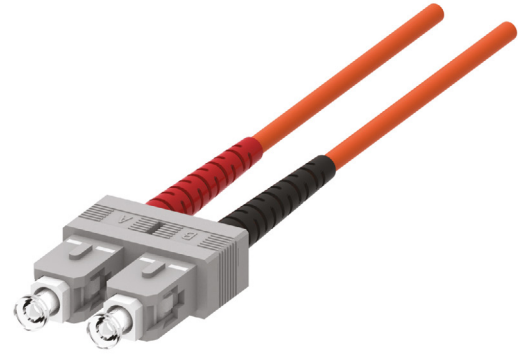
## PATCH CORD OM1 62,5/125

### DESCRIPTION

High performance and strong design. High quality connectors. Individually packed. Available with orange outer jacket. Dust protection caps and cable boots included, one black and the other red. Duplex clip in SC and LC connector, ST connector without clip.

### STANDARDS

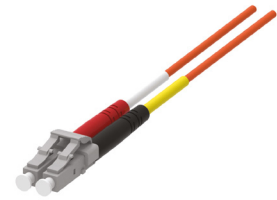
- ISO/IEC 11801 • EN 50173-1 • IEC 61754-20 • IEC 61753-1
- IEC 61300 • RoHS



SC DUPLEX



ST DUPLEX



LC DUPLEX



### CONNECTOR PROPERTIES

	ST	SC	LC
Insertion Loss (dB)	≤ 0,15	≤ 0,15	≤ 0,15
Return Loss (dB)	> 25	> 25	> 25
Fiber Ferrule (mm)	Ceramic 2,5	Ceramic 2,5	Ceramic 1,25
Connector Housing	Bronze	Composite	Composite
Connector Design	EC60874-10-1997	IEC61754-4	IEC61754-20

## CABLE PROPERTIES

	ST	SC	LC
Attenuation (dB @ 850nm)	≤ 3,5	≤ 3,5	≤ 3,5
Attenuation (dB @ 1300nm)	≤ 1,5	≤ 1,5	≤ 1,5
Bandwidth (MHz.km @ 850nm)	≥ 200	≥ 200	≥ 200
Bandwidth (MHz.km @ 1300nm)	≥ 500	≥ 500	≥ 500
Radius of Curvature (mm)	10≤r≤25	10≤r≤25	7≤r≤25
Fiber Height (nm)	-100≤h≤100	-100≤h≤100	-100≤h≤100
Apex Offset (um)	≤50	≤50	≤50
Durability	500 times	500 times	500 times
Repetitiveness (dB)	≤ 0,2	≤ 0,2	≤ 0,2
Number of Fibers	2	2	2
Weight (kg/km)	12	12	12
Outer Diameter WxH (mm)	2,00x2	2,00x2	2,00x2
Outer Sheath Colour	Orange	Orange	Orange
Outer Sheath Material	LSZH	LSZH	LSZH

## MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

	ST	SC	LC
Installation Temperature (°C)	-10 to +60	-10 to +60	-10 to +60
Operating Temperature (°C)	-10 to +60	-10 to +60	-10 to +60
Storage Temperature (°C)	-40 to +80	-40 to +80	-40 to +80
Tension - Long Term (N)	100	100	100
Tension - Short Term (N)	200	200	200

## PART NUMBER BREAKDOWN - ORDER INFORMATION

**8 1 2 3 2 A A B B M M**

1st CONNECTOR	A A	2nd CONNECTOR	B B	METERS	M M
SC	0 2	SC	0 2	1	0 1
ST	0 3	ST	0 3	2	0 2
LC	0 5	LC	0 5	3	0 3



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.

## PACKAGING

This images are merely illustratives. We want you to see the importance we attach to the packaging.  
We always work with products and materials that are easy to use.

