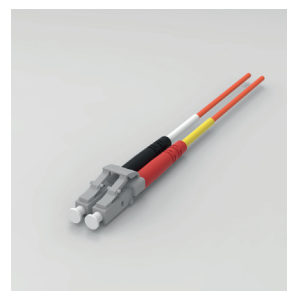# barpa

PATCH CORD OM2

PRODUCT 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.

CE ROHS LSZH 25 YEARS WARRANTY

ST DUPLEX **SC DUPLEX** **LC DUPLEX**

• STANDARDS
•ISO/IEC 11801; EN 50173-1; IEC 61754-20; IEC 61753-1; IEC 61300.

• CONNECTOR PROPERTIES			
	ST	**SC**	**LC**
Insertion loss (dB)	< 0.2	< 0.2	< 0.2
Return loss (dB)	> 30	> 30	> 30
Fiber ferrule (mm)	ceramic 2.5	ceramic 2.5	ceramic 1.25
Connector housing	Zinc Alloy	Composite	Composite
Connector design	EC60874-10-1997	IEC61754-4	IEC61754-20

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PATCH CORD OM2

• 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)	10≤r≤25	10≤r≤25	10≤r≤25
Durability	500times	500times	500times
Repetitiveness (dB)	≤ 0.2	≤ 0.2	≤ 0.2
Number of Fibers	2	2	2
Weight kg/km	8	8	8
Outer Diameter WxH in 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 4 2 A A C C M M

1ST CONNECTOR	A A	2ND CONNECTOR	C C	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

25 YEARS WARRANTY

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.

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