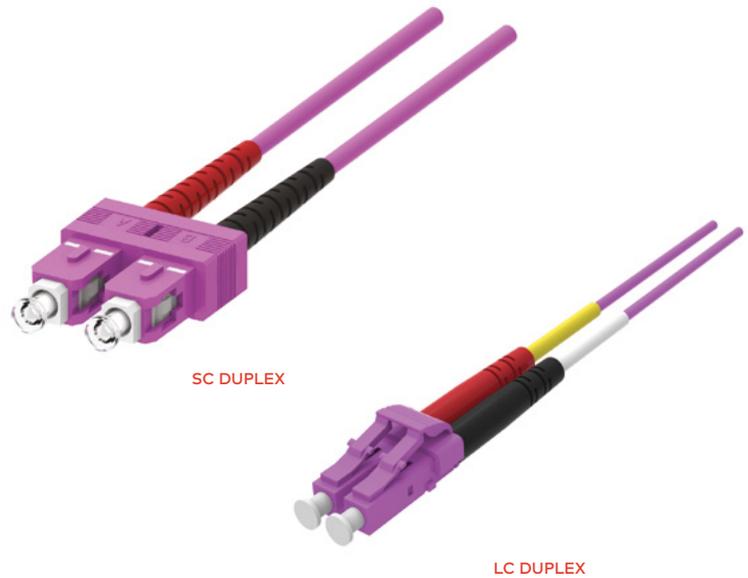# barpa

PATCH CORD
OM4 50/125

DESCRIPTION

High performance and strong design. High quality connectors. Individually packed. Available with purple outer jacket. Dust protection caps and cable boots included, one black and the other red. Duplex clip in SC and LC connector.

STANDARDS

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

SC DUPLEX

LC DUPLEX

CE   ROHS   LSZH   25 YEARS WARRANTY

CONNECTOR PROPERTIES

	SC	LC
Insertion Loss (dB)	< 0.2	< 0.2
Return Loss (dB)	> 30	> 30
Fiber Ferrule (mm)	Ceramic 2.5	Ceramic 1.25
Connector Housing	Composite	Composite
Connector Design	IEC61754-4	IEC61754-20

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barpa

PATCH CORD
OM4 50/125

CABLE PROPERTIES

	SC	LC
Attenuation (dB @ 850nm)	≤ 3.5	≤ 3.5
Attenuation (dB @ 1300nm)	≤ 1.5	≤ 1.5
Bandwidth (MHz.km @ 850nm)	≥ 3500	≥ 3500
Bandwidth (MHz.km @ 1300nm)	≥ 500	≥ 500
Radius of Curvature (mm)	10≤r≤25	7≤r≤25
Fiber Height (nm)	-100≤h≤100	-100≤h≤100
Apex Offset (um)	10≤r≤25	10≤r≤25
Durability	500 times	500 times
Repetitiveness (dB)	≤ 0.2	≤ 0.2
Number of Fibers	2	2
Weight (kg/km)	8	8
Outer Diameter WxH (mm)	2.00x2	2.00x2
Outer Sheath Colour	Purple	Purple
Outer Sheath Material	LSZH	LSZH

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

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

PART NUMBER BREAKDOWN - ORDER INFORMATION

8 1 2 6 2 A A B B M M

1st CONNECTOR	A A
SC	0 2
LC	0 5

2nd CONNECTOR	B B
SC	0 2
LC	0 5

METERS	M M
1	0 1
2	0 2
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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