barpa

PIGTAIL MULTIMODE
OM2 50/125

DESCRIPTION

High performance and strong design. High quality connectors. Individually packed. Available with orange outer jacket. Dust protection cap and cable boot included. Provides a fast way to make factory terminations in the field.

ST SIMPLEX

LC SIMPLEX

SC SIMPLEX

STANDARDS

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

CE   ROHS   LSZH   25 YEARS WARRANTY
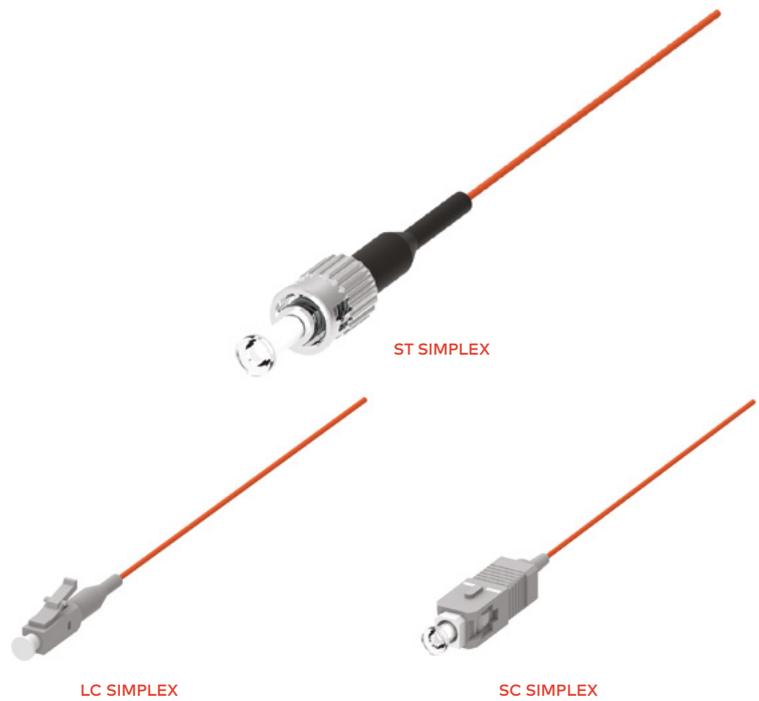
CONNECTOR PROPERTIES

	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

datasheet nº b76_1

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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)	≥ 500	≥ 500	≥ 500
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	500 times	500 times	500 times
Repetitiveness (dB)	≤ 0.2	≤ 0.2	≤ 0.2
Number of Fibers	1	1	1
Weight (kg/km)	0.9	0.9	0.9
Outer Diameter WxH (mm)	0.9	0.9	0.9
Outer Sheath Colour	Orange	Orange	Orange
Outer Sheath Material	LSZH	LSZH	LSZH

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

	ST	SC	LC
Installation Temperature (ºC)	-10 to +60	-10 to +60	-10 to +60
Operating Temperature (ºC)	-10 to +60	-10 to +60	-10 to +60
Storage Temperature (ºC)	-40 to +80	-40 to +80	-40 to +80
Tension - Long Term (N)	3	3	3
Tension - Short Term (N)	6	6	6

ORDER INFORMATION

				Inner Box	
Code	Description	Conector	Lenght (m)	Dimension (mm)	Quantity (un)
81303104020	Pigtail OM2 ST Simplex	ST			
81302104020	Pigtail OM2 SC Simplex	SC	1.5	220x220x225	200
81305104020	Pigtail OM2 LC Simplex	LC			

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.