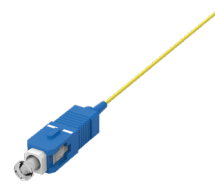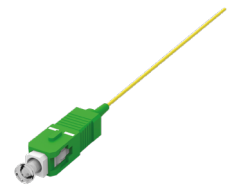# barpa

PIGTAIL SINGLEMODE OS2 G657A2

DESCRIPTION

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

LC/APC SIMPLEX   SC SIMPLEX   SC/APC SIMPLEX

FC SIMPLEX   ST SIMPLEX   LC 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/APC	SC/APC	FC	LC
Insertion Loss (dB)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	<0.2
Return Loss (dB)	> 50	> 50	> 50	> 60	> 60	> 50
Fiber Ferrule (mm)	Ceramic 2.5	Ceramic 2.5	Ceramic 1.25	Ceramic 2.5	Ceramic 2.5	Ceramic 1.25
Connector Housing	Zinc alloy	Composite	Composite	Composite	Zinc alloy	Composite
Connector Design	EC60874-10-1997	IEC61754-4	IEC61754-20	IEC61754-4	IEC61754-13	IEC61754-20

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barpa

**PIGTAIL SINGLEMODE
OS2 G657A2**

CABLE PROPERTIES

	ST	SC	LC/APC	SC/APC	FC	LC
Attenuation (dB @ 1310nm)	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5
Attenuation (dB @ 1550nm)	≤ 0.4	≤ 0.4	≤ 0.4	≤ 0.4	≤ 0.4	≤ 0.4
Radius of Curvature (mm)	10≤r≤25	10≤r≤25	7≤r≤25	5≤r≤12	10≤r≤25	10≤r≤25
Fiber Height (nm)	-100≤h≤100	-100≤h≤100	-100≤h≤100	-100≤h≤100	-100≤h≤100	-100≤h≤100
Apex Offset (um)	0≤h≤50	0≤h≤50	0≤h≤50	0≤h≤50	0≤h≤50	0≤h≤50
Durability	500 times	500 times	500 times	500 times	500 times	500 times
Repetitiveness (dB)	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2
Number of Fibers	1	1	1	1	1	1
Weight (kg/km)	0.9	0.9	0.9	0.9	0.9	0.9
Outer Diameter WxH (mm)	0.9	0.9	0.9	0.9	0.9	0.9
Outer Sheath Colour	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Outer Sheath Material	LSZH	LSZH	LSZH	LSZH	LSZH	LSZH

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

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

ORDER INFORMATION

Code	Description	Conector	Length (m)	Box Dimension (mm)	Box Quantity (un)
81303102010	Pigtail OS2 G657A2 ST	ST			
81302102010	Pigtail OS2 G657A2 SC	SC			
81301102010	Pigtail OS2 G657A2 SC/APC	SC/APC	1.5	220x220x225	200
81306102010	Pigtail OS2 G657A2 FC	FC			
81304102010	Pigtail OS2 G657A2 LC/APC	LC/APC			
81305102010	Pigtail OS2 G657A2 LC	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.

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