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**

APPLICABLE STANDARDS

• ISO/IEC 11801 • EN 50173-1 • EN 60793 • IEC 61754-20
• IEC 61753-1 • IEC 61300 • RoHS

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	Bronze	Composite	Composite	Composite	Bronze	Composite
Connector Design	EC60874-10-1997	IEC61754-4	IEC61754-20	IEC61754-4	IEC61754-13	IEC61754-20

datasheet nº b89_3 | date: 02/25
approved by: Ana Barbosa

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	5≤r≤12	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

				Box	
Code	Description	Conector	Length (m)	Dimension (mm)	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			

datasheet nº b89_3 | date: 02/25
approved by: Ana Barbosa

barpa

PIGTAIL SINGLEMODE
OS2 G657A2

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.

datasheet nº b89_3 | date: 02/25
approved by: Ana Barbosa