

OS2 G652D PIGTAIL

REFERENCE VALUES - PENDING KANGHAO ENGINEERING CONFIRMATION

Engineering comparison data; final product ratings require a confirmed Kanghao specification.

Connector reference

Parameter	ST	SC	FC	LC/APC	SC/APC	E2000/APC	LC
Insertion loss (dB)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Return loss (dB)	>50	>50	>50	>60	>60	>60	>50
Ceramic ferrule (mm)	2.5	2.5	2.5	1.25	2.5	2.5	1.25
Housing	Bronze	Composite	Bronze	Composite	Composite	Composite	Composite
Design reference	EC60874-10-1997*	IEC61754-4	IEC61754-13	IEC61754-20	IEC61754-4	Not stated	IEC61754-20

Geometry and cable reference

Parameter	ST / SC / FC	LC/APC / SC/APC / E2000/APC	LC
Curvature radius (mm)	10<=r<=25	5<=r<=12	7<=r<=25
Attenuation 1310 nm (dB)	<=0.5	<=0.5	<=0.5
Attenuation 1550 nm (dB)	<=0.4	<=0.4	<=0.4
Fiber height (nm)	-100 to +100	-100 to +100	-100 to +100
Apex offset (um)	0 to 50	0 to 50	0 to 50
Durability (matings)	500	500	500
Repeatability (dB)	<=0.2	<=0.2	<=0.2

Construction, environment and packing

Parameter	Reference
Fiber count / mass	1 fiber; 0.9 kg/km
Outer diameter / sheath	0.9 mm; yellow; LSZH

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Parameter	Reference
Installation / operation	-10 to +60 deg C
Storage	-40 to +80 deg C
Long-term / short-term tension	3 N / 6 N
Listed length	1.5 m
Box dimensions / quantity	220 x 220 x 225 mm; 200 units
Assembly details	Individual pigtail packaging; dust cap and boot

Standards listed for reference

ISO/IEC 11801; EN 50173-1; EN 60793; IEC 61754-20; IEC 61753-1; IEC 61300; ITU G652D; RoHS. EC60874-10-1997 is transcribed as printed and requires clarification. No conformity is claimed for a Kanghao build.