

SC ADAPTER

DESCRIPTION

- High reliability and precision alignment;
- Easy to use;
- Can be widely used for FTTX, passive optical network (OPN) and cable TV network (CATV);
- Low Insertion loss and return loss;
- Good repeatability, changeability and temperature stabilization;
- Dust protections caps;
- Allow fitting in the bulkheads either with a nut or with clips.

STANDARDS:

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



OS2 SC/APC DUPLEX



OM2 SC DUPLEX



OM3 SC DUPLEX



OM4 SC DUPLEX



OS2 SC DUPLEX



OM5 SC DUPLEX



OS2 SC/APC SIMPLEX



OM2 SC SIMPLEX



OM3 SC SIMPLEX



OM4 SC SIMPLEX



OS2 SC SIMPLEX



OM5 SC SIMPLEX



OS2 SC/APC DUPLEX WITH COVER



OS2 SC/APC SIMPLEX WITH COVER



OS2 SC/APC SIMPLEX WITH COVER WITHOUT FLANGE

SC ADAPTER

OPERATING PERFORMANCE

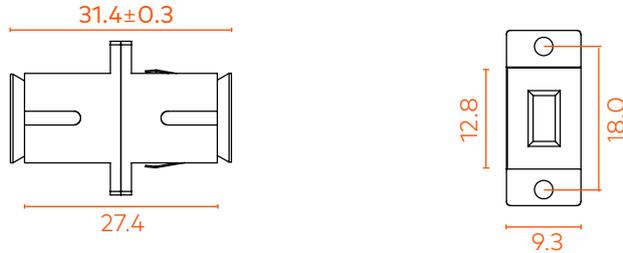
	SINGLEMODE		MULTIMODE
	UPC	APC	UPC
Insertion Loss (dB)	< 0.2	< 0.2	< 0.2
Durability (500 Mating) (dB)	< 0.2	< 0.2	< 0.2
Operation Temperature (oC)	-40 to 80	-40 to 80	-40 to 80
Retention Force (N)	200-600	200-600	200-600
Housing Material	PEI UL 94	PEI UL 94	PEI UL 94 PC UL 94 (OM5)
Mounting Style	Clip / Screws	Clip / Screws	Clip / Screws
Sleeve Alignment Material	Ceramic (Grade A)	Ceramic (Grade A)	Ceramic (Grade A)
Color	Blue	Green	OM1/OM2: Gray; OM3: Aqua; OM4:Purple; OM5: Lime Green

ORDER INFORMATION

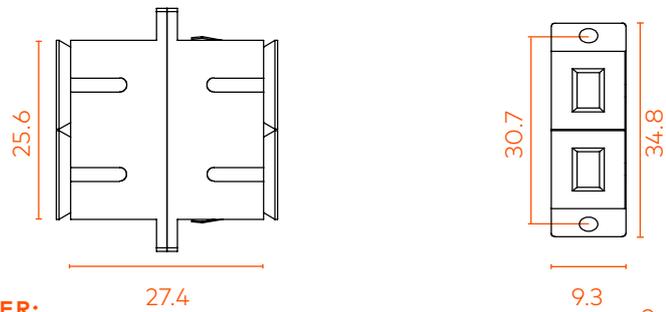
Code	Description	Conector	Category	Simplex/Duplex	Color	Quantity (un)
81410213010	Adapter OM2 SC Simplex	SC	OM2	Simplex	Gray	24
81412023010	Adapter OM2 SC Duplex	SC	OM2	Duplex	Gray	19
81411024030	Adapter OM3 SC Simplex	SC	OM3	Simplex	Aqua	24
81412024030	Adapter OM3 SC Duplex	SC	OM3	Duplex	Aqua	19
81411025060	Adapter OM4 SC Simplex	SC	OM4	Simplex	Purple	24
81412025060	Adapter OM4 SC Duplex	SC	OM4	Duplex	Purple	19
81411021040	Adapter OS2 SC Simplex	SC	OS2	Simplex	Blue	24
81412021040	Adapter OS2 SC Duplex	SC	OS2	Duplex	Blue	19
81412121040	Adapter OS2 SC Duplex without Flange	SC	OS2	Duplex	Blue	20
81411011050	Adapter OS2 SC/APC Simplex	SC/APC	OS2	Simplex	Green	24
81412011050	Adapter OS2 SC/APC Duplex	SC/APC	OS2	Duplex	Green	19
81412131050	Adapter OS2 SC/APC Duplex without Flange	SC/APC	OS2	Duplex	Green	20
81411091050	Adapter OS2 SC/APC Simplex with Cover	SC/APC	OS2	Simplex	Green	24
81412091050	Adapter OS2 SC/APC Duplex with Cover	SC/APC	OS2	Duplex	Green	19
81411111050	Adapter OS2 SC/APC Simplex with Cover without Flange	SC/APC	OS2	Simplex	Green	50
81411026070	Adapter OM5 SC Simplex	SC	OM5	Simplex	Lime Green	1
81412026070	Adapter OM5 SC Duplex	SC	OM5	Duplex	Lime Green	1

TECHNICAL DRAWING (mm)

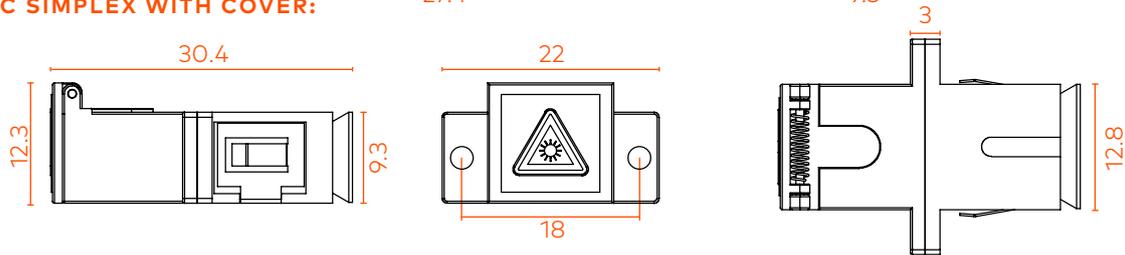
ADAPTER OS2 SC/APC SIMPLEX:



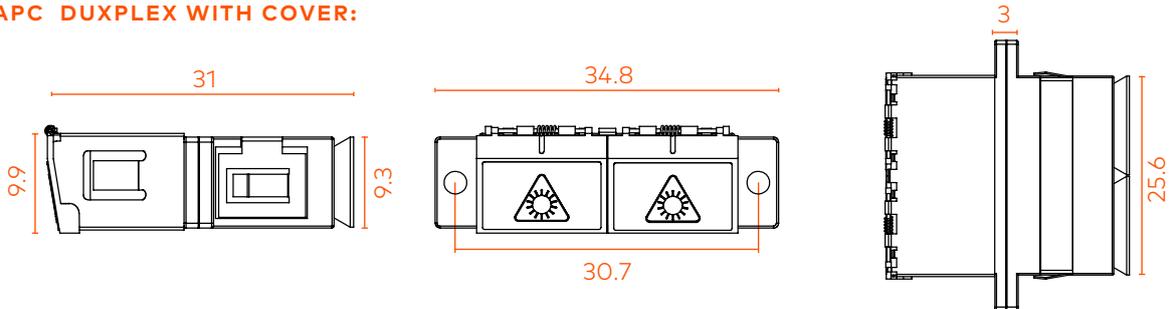
ADAPTER OS2 SC/APC DUPLEX:



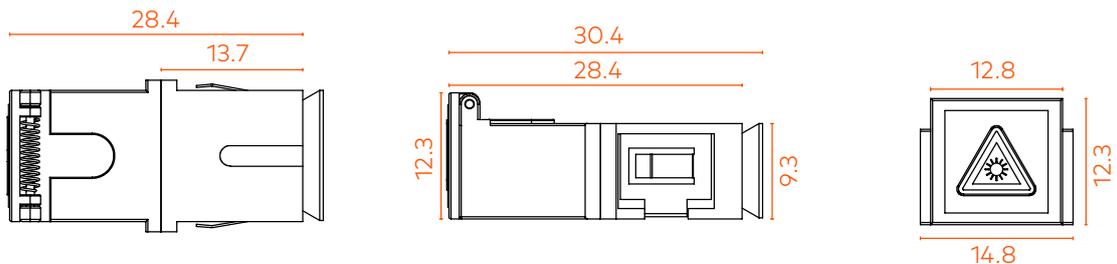
OS2 SC/APC SIMPLEX WITH COVER:



OS2 SC/APC DUPLEX WITH COVER:



OS2 SC/APC SIMPLEX WITH COVER WITHOUT FLANGE:



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.