

Note: (a) The fiber mounting bracket for these sensors is a triple adapter for mounting up to three different fibers looking at same spot

Technical drawing of the SC F.O. connector showing front and side views with dimensions:

- Front View (Left):** A circular component with a diameter of  $\phi 25$ . It features a central rectangular slot with a width of 9 and a height of 13. The slot has rounded corners with a radius of 4.
- Side View (Right):** A cross-sectional view showing the internal structure. The total width is 15. The central slot has a width of 8 and a height of 4. The bottom flange has a thickness of 1.5. The top flange has a thickness of 1.5. The central slot is labeled M20x1.

Technical drawing of a cross-section of a mechanical assembly. The drawing shows a central shaft with a diameter of  $\varnothing 7$  mm. The shaft is surrounded by a housing or sleeve with an outer diameter of  $\varnothing 28$  mm. The assembly includes a nut labeled M20x1. Dimensions are indicated as follows:

- Total length: 15.7 mm
- Distance from the left end to the center of the nut: 8 mm
- Distance from the left end to the start of the shaft: 4 mm
- Length of the shaft: 6 mm

Technical drawing of the FC connector showing front and side views with dimensions:

- Front View (Left):** Shows a circular profile with an outer diameter of  $\phi 25$  and an inner hole diameter of  $\phi 13$ .
- Side View (Right):** Shows the connector's profile with a total height of 8 and a mounting flange thickness of 4. It features a central hole with a diameter of  $M8 \times 0.75$  and a larger hole with a diameter of  $M20 \times 1$ .
- Label:** The text "FC CONNECTOR" is located below the side view.

Technical drawing of the F.O. Adapter Mounting Bracket. The drawing shows a side view of the bracket with the following dimensions and labels:

- 95**: Total length of the bracket.
- 64**: Distance from the left end to the center of the mounting hole.
- Ø64**: Diameter of the mounting hole.
- F.O. ADAPTER MOUNTING BRACKET**: Label for the main component.
- F.O. ADAPTER**: Label for the adapter being mounted.
- 75**: Width of the base plate.



## 1.1.4.2 Other Accessories

Accessories for High Power Sensors	Description	P/N	Ref
High Power QBH-Fiber Adapters for L1500W-LP2-50, L1500W-BB-50, 5000W-LP2-50 and 5000W-BB-50 Sensors	QBH-Fiber Adapters for mounting fibers with QBH termination to Ophir power sensors	7Z08348 (QBH-L-Fiber Adapter model) 7Z08349 (QBH-S-Fiber Adapter model)	See page 97
Protective Housing for 5000W, 10K-W and 15K-W Sensors	Protective Housing with shutter to protect from debris	7Z08344 (for 5000W / 10K-W / 15K-W)	See page 98
Scatter Shield for 10K-W, 15K-W, 20K-W and 30K-W Sensors	Scatter Shield to reduce backscattered power (including protective cover)	7Z08295 (for 10K-W / 15K-W) 7Z08355 (for 20K-W) <sup>(a)</sup> 7Z08293 (for 30K-W)	See page 99
Protective Covers for Scatter Shields with Target Pattern for 10K-W, 15K-W and 30K-W sensors	Protective Covers for Ophir scatter shields. The cover has a target pattern for directing the beam using a pointer	7Z08345 (for 10K-W / 15K-W) 7Z08346 (for 30K-W)	See page 100
Protective Covers with Target Pattern for 1000W, L1500W, 5000W, 10K-W, 15K-W, 20K-W and 30K-W Sensors	Black anodized aluminum cover with a target pattern for directing the beam using a pointer	1G01332 (all except 20K-W & 30K-W) 1G02813 (for 20K-W) <sup>(a)</sup> 1G02406 (for 30K-W)	See page 100
Metric Water Connectors for Water Cooled Sensors	Metric Water Connectors are quick connect fittings for 3/8" and 1/2" plastic tubing (set of 2 ea.)	7Z08353 (all except 20K-W & 30K-W) 7Z08352 (for 20K-W & 30K-W)	See page 100
Heavy Duty Stand for 10K-W and 15K-W	For continuous use in vertical position, heavy duty stand is recommended	7Z08330	See page 99
30K-W Rubber Feet Assembly	The rubber feet make it possible to lean the sensor on its rear side for better stability when used with a vertical beam. The kit has 4 feet which can be screwed into the existing threads	7Z08217	See page 99
<b>General Accessories</b>			
SH to BNC Adapter	Allows connection of sensor to current or voltage measuring device for measurement of raw sensor output. Current meter should be used for photodiode sensors. Current or voltage meter can be used for thermal sensors	7Z11010	
<b>Replacement Parts</b>		<b>P/N</b>	
N Polarity Power Supply/Charger 12V 2A N-2.1x5.5	For: Centauri, Vega, Nova II, Nova, EA-1, Pulsar, Quasar, LaserStar, 6K-W, 120K-W, 150K-W, Fan Cooled Sensors	7E05029	
P Polarity Power Supply/Charger 12V 2A P-1.35x3.5	For: StarLite, StarBright, RM9 Chopper	7E05047	
Push-Pull 2 Pin Power Supply 12V 2A	For: IS1.5-VIS-FPD-800, IS1.5-IRG-FPD-800	7E05047A	
Note: (a) The scatter shield and protective cover are compatible also with the 16K-W-BB-55 sensor P/N 7Z07131			

Protective Housing



7Z08352 1/4" - 12mm

30K-W Scatter Shield



7Z08353 1/8" - 10mm

Protective Cover on Scatter Shield



QBH-Fiber Adapter



10K-W with 34-50mm Aperture Protective Cover

Heavy Duty Stand for 10K-W and 15K-W  
(Shown with a 15K-W Sensor)

SH to BNC Adapter

N Polarity Power Supply/Charger  
P Polarity Power Supply/Charger  
Push-Pull 2 Pin Power Supply