



OFSM | Outdoor Fiber Splitter Module



The QAMnet OFSM Outdoor Fiber Splitter Module splits one input optical signal to 8 or 16 output ports. It features low insertion loss and uniform output power. The dual operating wavelength range (1510nm-1590nm and 1270nm-1350nm) makes this device suitable for DWDM/CWDM applications and HFC networks. OFSM is packaged inside a weather/water proof aluminum housing, making it suitable for the outdoor applications in harsh environment.

Features

- Low insertion loss
- Uniform output level
- Reliable and durable
- Dual wavelength window operation
- Rugged waterproof construction
- Broad operating temperature range -40 °C to + 60 °C

Ordering Information

- OFSM-x
- x: Number of Outputs (8 or 16)



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Phoenix, AZ 85018

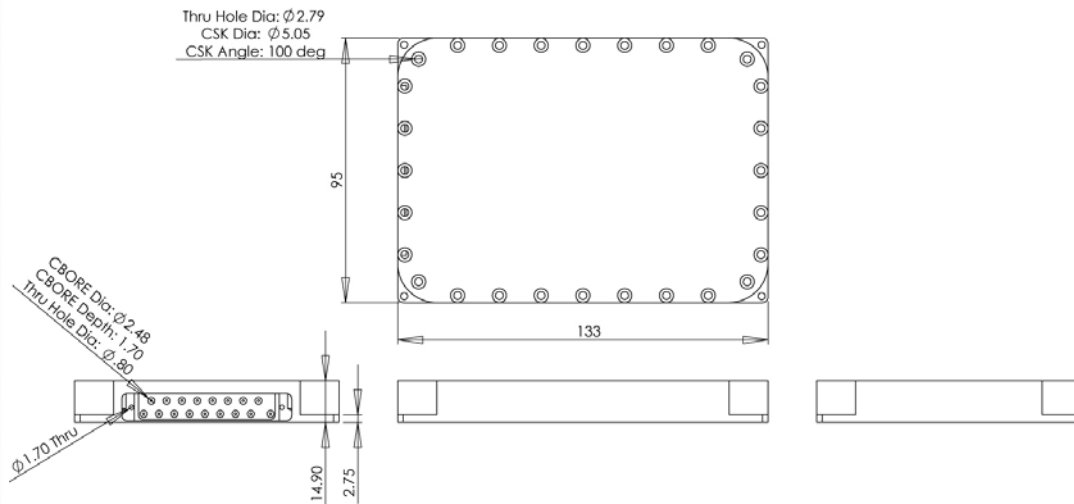
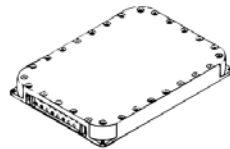
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Technical Specifications

Model Number	OFSM-x
Device Type	Fused Fiber Coupler
Operating Wavelength Range	1510nm-1590nm, 1270nm-1350nm
Number of Outputs	8, 16
Insertion Loss	10dB Maximum for 8 Outputs 13dB Maximum for 16 Outputs
Directivity	55dB Minimum
Uniformity	0.8dB Maximum

Mechanical Specification

Housing	Black Anodized Aluminum, Waterproof with O Ring Seal
Input Fiber Type	SMF-28 + 900µm Loose Tube
Output Fiber Type	SMF-28 + 900µm Loose Tube
Connectors	Bare Fiber Standard, SC/APC or Customer Specified
Dimensions	133mm (L) x 95mm (W) x 15mm (H)
Operating Temperature Range	-40°C to 60 °C



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