

# Outdoor Fiber Splitter Module

The QAMnet OFSM Outdoor Fiber Splitter Module splits one input optical signal to 8 or 16 output ports.

OFSM Outdoor Fiber Splitter Module



## Product Description

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
- Operating temperature range from -40°C to + 60°C

## Applications

✓ HFC   ✓ FTTH   ✓ RFoG   ✓ Deep Fiber Applications

## PRODUCT SPECIFICATIONS

### Optical Specifications

Device Type	Fused Fiber Coupler
Operating Wavelength Range	1510 nm to 1590 nm, 1270 nm to 1350 nm
Number of Outputs	8, 16
Insertion Loss	10dB Maximum for 8 Outputs 13dB Maximum for 16 Outputs 16dB Maximum for 32 Outputs
Directivity	55 dB min.
Uniformity	0.8 dB max.

### Mechanical Specifications

Housing	Black Anodized Aluminum, Waterproof with O Ring Seal
Input and Output Fiber Type	SMF-28 + 900 m 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

## Ordering Information

### OFSM-xx

xx      Number of Outputs (8, 16, 32)



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