

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)



QAMnet

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