



## IFSM | Indoor Fiber Splitter Module



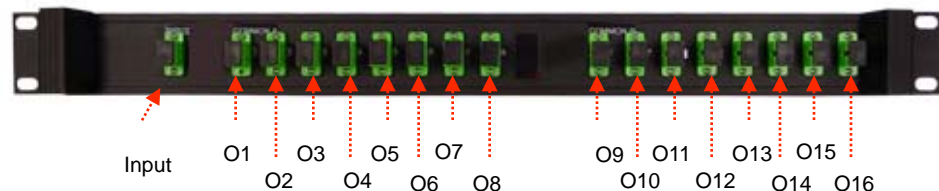
The QAMnet IFSM Indoor Fiber Splitter Module splits one input optical signal to 8, 16 and 32 output ports. Built with high temperature fused fiber technology, it features low insertion loss, uniform output power and excellent long term reliability. In addition, it is capable of splitting dual operating wavelength ranges (1510nm - 1590nm and 1270nm - 1350nm), making this device suitable for both forward and return path in HFC networks. IFSM is fully packaged inside a standard 1u height, 19" rack mount aluminum housing.

### Features

- Low insertion loss
- Uniform output level
- Extremely reliable and durable
- Dual wavelength window operation
- Standard 1u rack mount housing
- Broad operating temperature range -20 °C to + 60 °C

### Ordering Information

- IFSM-xx
- xx: Number of Outputs (08, 16 or 32)



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## Technical Specifications

Model Number	IFSM-xx
Device Type	Fused Fiber Coupler
Operating Wavelength Range	1510nm-1590nm, 1270nm-1350nm
Number of Outputs	8, 16, 32 or customized
Insertion Loss	10dB Maximum for 8 Outputs 13dB Maximum for 16 Outputs 16dB Maximum for 32 Outputs
Directivity	55dB Minimum
Uniformity	0.8dB Maximum

## Mechanical Specification

Housing	19 inch Rack mount Aluminum Housing
Input Fiber Type	SMF-28 + 900µm Loose Tube
Output Fiber Type	SMF-28 + 900µm Loose Tube
Connectors	SC/APC or Customer Specified
Dimensions	13.75in (L) x 19in (W) x 1.75in (H)
Operating Temperature Range	-20°C to 60 °C



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