Indoor Fiber Splitter Module

The QAMnet IFSM Indoor Fiber Splitter Module splits one input optical signal to 8, 16 and 32 output ports.

IFSM Indoor Fiber Splitter Module

Product Description

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
- Precise split ratio
- Reliable and durable with rugged construction
- Broad wavelength operation for 1310 nm/1550 nm
- 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, 32 or customized
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	19 inch Rack mount Aluminum Housing
Input and Output Fiber Type	SMF-28 + 900 m Loose Tube
Connectors	SC/APC or Customer Specified
Dimensions	13.75in (L) x 19in (W) x 1.75in (H)
Operating Temperature Range	-40°C to +60°C

Ordering Information

	IFSM-xx
xx	Number of Outputs (8, 16, 32)

QAMnet 5110 N 44th St, Ste 200L, Phoenix AZ 85018
optilab.com 877-303-3888 602-343-8217 sales@qamnet.com