594945-009-00 | FFT4-29Q



FFT Complete RF Tap, 4-way, 1.2 GHz Full-Feature Equalizable, 29 dB nominal tap value, 12 A Power passing

- *Product complies with the Build America, Buy America Act (BABAA) requirements of the Infrastructure Investment and Jobs Act of 2021 (Pub. L. 117- 58, §§ 70901-70953), or is the subject of a waiver approved by the Secretary of Commerce or designee. Compliance requirements and waiver applicability vary based on government funding program. Check the laws and regulations for your specific program.
- Support DOCSIS® 3.1 expanded bandwidth up to 1218 MHz
- Improve network performance with signal conditioning plug-ins
- High quality RF connection with auto-seize F- connectors
- Maintain existing installed base with compatibility back to "F" series FFT housings
- Standard faceplate only options for cost effective upgrades to existing FFT deployments
- High level of network resilience with 6 kV surge resistance on feederline and F-ports
- Blank tap option FFT*-PBA-V for future expansion
- Maintain RF and AC connections with faceplate removed with integrated bypass capability

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

Product Type RF tap
Product Series FFT

Government Requirements Build America Buy America (BABA) compliant*

General Specifications

Location of ManufacturingWaived per BABA waiver for BEAD Program

Number of Ports 4

Dimensions

 Height
 101.6 mm | 4 in

 Depth
 73.66 mm | 2.9 in

 Length
 142.24 mm | 5.6 in

Electrical Specifications

Bandwidth 5 – 1218 MHz MHz

Insertion Loss, tap, nominal29 dBPower Passing at 60/90V, maximum12 A

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Surge Protection, F port 6 kV Combination Wave

Surge Protection, input/output ports 6 kV Combination Wave

Environmental Specifications

Operating Temperature $-40 \,^{\circ}\text{C}$ to $+60 \,^{\circ}\text{C}$ ($-40 \,^{\circ}\text{F}$ to $+140 \,^{\circ}\text{F}$)

Packaging and Weights

Weight 0.454 kg | 1 lb

Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Above maximum concentration value

ROHS Compliant UK-ROHS Compliant

