BTTF-Q | BTTF*-*Q F-Port Power Extracting Taps

1.2 GHz Power Extracting Taps

- Support expanded bandwidth up to 1218 MHz
- Enable Cable Wi-Fi Access Point powering via the F-port
- Improve network performance with signal conditioning plug-ins
- High quality RF connection with auto-seize F-connectors
- Maintain existing install base with compatibility back to "F" series FFT housings
- High level of network resilience with 6kV surge resistance
- Maintain RF and AC continuity with integrated bypass capability

The ARRIS 1.2 GHz power extracting taps are capable of delivering video, telephony, and data over the broadband hybrid fiber coax system. These taps have all of the same features and performance as our standard Q-series FFT taps, including 12 ampere power passing and surge resiliency, but with the additional feature of power extracting for Cable Wi-Fi® applications.

The BTTF*-*Q taps extract power from the cable feeder and deliver it to the Cable Wi-Fi Access Point via the F-Port (Port 1, jumper selectable). RF signals are distributed through the F-ports to the coaxial drop, as well.

Product Classification

Regional Availability
- Asia
- Australia/New Zealand
- EMEA
- Latin America
- North America

Product Type
- RF tap

Electrical Specifications

Return Loss at Frequency Band, tap
16 dB @ 5–9 MHz, 17 dB @ 10–749 MHz, 17 dB @ 750–1000 MHz, 16 dB @ 1001–1218 MHz

Hum Modulation at Operating Frequency
60 dB minimum @ 5–10 MHz, 65 dB minimum @ 11–550 MHz, 60 dB minimum @ 551–1000 MHz, 55 dB minimum @ 1001–1218 MHz

Isolation at Frequency Band, tap to tap
20 dB @ 5–9 MHz, 25 dB @ 10–85 MHz, 24 dB @ 86–300 MHz, 23 dB @ 301–749 MHz, 20 dB @ 750–1218 MHz

Power Passing at 60/90V, maximum
12 A

Surge Protection, F port
6 kV Combination Wave

Surge Protection, input/output ports
6 kV Combination Wave

Environmental Specifications

Operating Temperature
-40 °C to +60 °C (-40 °F to +140 °F)

Standards Compliance
Edition 2.0 2016-01 | IEC 60950-22