

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 @ 11–550MHz, 60 dB minimum @ 551–1000MHz, 55 dB minimum @ 1001–1218MHz
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