



## ABT 1-16, 1-way Tap 1.3GHz

Article number: 343164

### Product description:

#### Bonita taps & splitter series

- Ready for DOCSIS 2.0/3.0/3.1
- Frequency range 5...1300 MHz
- Low passive intermodulation
- All ports in one line and on one side
- Firm fixed F-connector NiTin inserts
- Connector inner-pin Beryllium Bronze
- Zinc die-cast housing with Cu/Sn plated with aluminium bottom plate
- Weatherproof housing and connectors

### Specifications

| ORDER INFORMATION                     |                                                 |
|---------------------------------------|-------------------------------------------------|
| EAN Number                            | 5702663431645                                   |
| CHARACTERISTICS                       |                                                 |
| Type                                  | COAX tap                                        |
| Passive Intermodulation               | > 15 60&65MHz of 120dBuV (after surge 1kV) dBuV |
| FREQUENCY                             |                                                 |
| Frequency range                       | 5...1300 MHz                                    |
| LOSS                                  |                                                 |
| Insertion loss (in-out) 5-470 Mhz     | 0.9 dB                                          |
| Insertion loss (in-out) 862-1006 MHz  | 1.3 dB                                          |
| Insertion loss (in-out) 470-862 MHz   | 1.1 dB                                          |
| Insertion loss (in-out) 1006-1300 MHz | 2.3 dB                                          |
| Tap loss (in-tap) 5-1300 MHz          | 16.0 ±1.2 dB                                    |
| ISOLATION                             |                                                 |
| Isolation (out-tap) 5-470 MHz         | 28 dB                                           |
| Isolation (out-tap) 470-862 MHzzz     | 23 dB                                           |
| Isolation (out-tap) 862-1006 MHz      | 22 dB                                           |
| Isolation (out-tap) 1006-1300 MHz     | 21 dB                                           |
| RETURN LOSS                           |                                                 |
| Return Loss                           | 22.0 (@47MHz 22-1.5/oct - min.14.5) dB          |
| ELECTRICAL                            |                                                 |
| Impedance                             | 75 $\Omega$                                     |
| Max surge voltage                     | 1 kV                                            |

| OPERATIONAL             |                              |
|-------------------------|------------------------------|
| Screening Efficiency    | EN50083-2 (Class A+10dB)     |
| Temperature - operating | -20...60 °C                  |
| Weather Proof Rating    | IP 67                        |
| CONNECTORS              |                              |
| Connector Type          | F-female (IEC 61 169-24)     |
| Number of inputs        | 1                            |
| Number of outputs       | 1                            |
| Number of taps          | 1                            |
| MECHANICAL              |                              |
| Packaging Depth         | 0,041 m                      |
| Packaging Height        | 0,027 m                      |
| Total Weight            | 0,102 kg                     |
| Packaging Width         | 0,086 m                      |
| Product Length          | 41 mm                        |
| Main Material           | Zinc Die-casting CuSn plated |
| Net Weight              | 0,102 kg                     |
| Packing QTY             | 1                            |
| Product Width           | 86 mm                        |
| Product Height          | 27 mm                        |

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