

ADC4140 VersatileWire™ Distribution Coupler



Coaxial Cable Distribution Coupler

FEATURES & BENEFITS

- Enables high speed Ethernet deployment utilizing legacy facility coaxial wiring infrastructure
- Long range capabilities with extended distance up to 2Km with the coaxial cable for out-of-premise facility Ethernet distribution
- Specifically designed for use in conjunction with Aboundi APL2400-200 system deployment
- Electrically insulated base allows single point grounding
- Compact Dimension
- Provides the lowest Total Cost of Ownership
- Commercial Quality

OVERVIEW

The Aboundi ADC4140 Distribution Coupler enables high speed Ethernet deployment for daisy chaining devices with the coaxial distribution networking applications. It can be very easily deployed by utilizing the legacy in-premise or out-of-premise coaxial cable plant or infrastructure expansion within the company facility. Hence, provides the lowest Total Cost of Ownership.

It is specially designed with minimum insertion loss to allow the maximum distance of remote Ethernet connectivity expansion beyond the point to point interconnectivity as imposed by other Ethernet over Coaxial requirements.

SPECIFICATIONS*

Frequency Band:

- 1 MHz to 40 MHz

Insertion Loss:

- -1dB maximum

Impedance:

- Coaxial : 75 Ohm F-Connector

Return Loss:

- Trunk: -26dB minimum
- Tap: -18dB minimum

Connector:

- Type F female up to 90 in / lb maximum

Mechanical:

- W x D x H : 79 x 51 x 28 mm / 3.1 x 2 x 1.1 in
- Weight : 63 g / 0.14 lb (including insulation base)

Environmental:

- Temperature
 - Operating : -40 ~ +70°C / -40 ~ +158°F
 - Storage : -40 ~ +80°C / -40 ~ +176°F
- Humidity
 - Operating : 10 ~ 90% RH (non-condensing)
 - Storage : 0 ~ 95% RH (non-condensing)

ORDERING INFORMATION

ADC4140-001 VersatileWire™ Distribution Coupler

