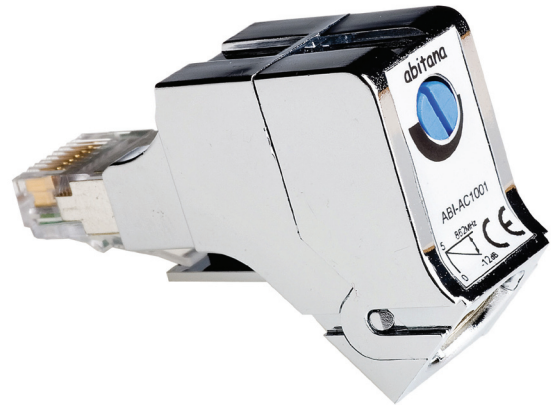


TV-over-Twisted-Pair 1-1006MHz adapter baluns

ABI-AC1001S00 Variable 1 to 18dB insertion loss

- ✓ Outstanding TV picture quality everywhere in the home
- ✓ Transmit RF TV signals over high-grade twisted pair cabling
- ✓ DVB-C CaTV or DVB-T aerial feeder TV signals
- ✓ DOCSIS compliant forward and return path
- ✓ Efficient shielding against electromagnetic interference
- ✓ Full next-generation 1-1006MHz CaTV network bandwidth
- ✓ Minimal size, minimal visual impact
- ✓ Makes use of standard TV RF coax leads
- ✓ TV RF lead parallel with the wall for maximum protection

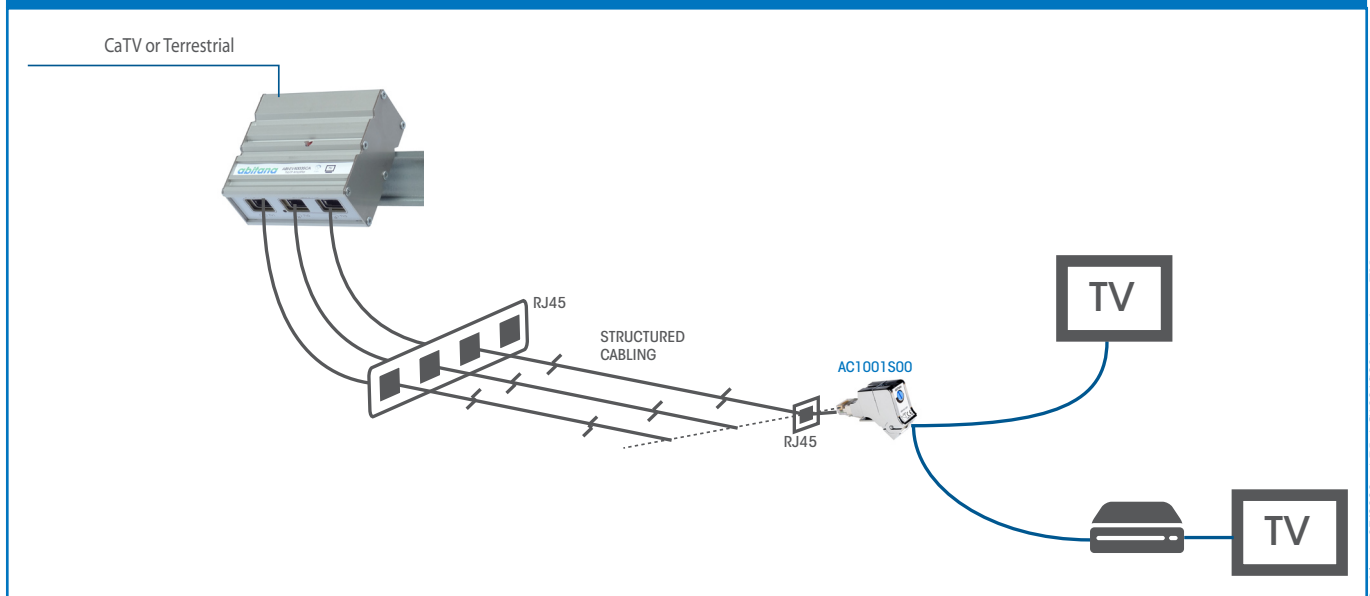


This TVoTP (TV over Twisted Pair) adapter is used to connect a TV set or a digital SetTopBox to a universal home cabling OmniMedia or VDI RJ45 wall outlet whilst using a standard RF coaxial lead. The TVoTP adapter balun converts from a 100Ohm RJ45 interface to a 75Ohm RF coaxial interface connector. The balun is a wideband bi-directional device operating in the range between 1MHz and 1006MHz, ensuring proper transmission of forward path FM, DAB, TV and Data signals as well as return path data signals, according to the Docsis system specifications.

ABI-AC1001S00 is an adapter with a 5-turn continuously variable level and frequency compensation circuit, for use with link lengths between 0 and 40m.

The variable level model is highly recommended for use with level-sensitive multi-tuner digital SetTopBoxes, in order to deliver to the STB a signal that is optimally centered inside the dynamic range of the STB. The use of these baluns allows an individual signal level optimisation for each STB in the home, irrespective of the individual link lengths.

APPLICATION DIAGRAM



Specifications are subject to change without notice.

ABI-AC1001S00

- Continuously adjustable insertion loss
- BW 1-1006MHz
- IL @ 1MHz: 1 to 6dB
- IL @ 1006MHz: 4 to 18dB
- dim WxHxD (mm): 16,7x33,2x52,2

