

Universal G.fast Baluns



Product Name	Ordering Number
G.fast Balun with Twisted Pair	SA-2252-0001
G.fast Balun with RJ Plug	SA-2252-0010

G.fast promises to deliver gigabit speeds over short lengths of standard twisted pair Telco cable; this reach can be extended by using coax. Capitalizing on the ultra-broadband capabilities of G.fast, these higher bandwidths can be pushed further and further into rural areas and older neighborhoods, homes and buildings. The optimum way to distribute G.fast, especially in business and MDU environments is by using coax.

The Comtest G.fast balun is a passive in-line device designed to convert a G.fast signal carried on a balanced twisted pair cable to an unbalanced 75 Ω coax cable (and vice versa). The baluns are also designed to be used in environments that do not have existing telephone wiring or have inadequate twisted pair wiring inside the home or the building. The baluns provide a method to bring video programming and high speed broadband services into the premise using the existing wiring.

The Comtest Networks G.fast baluns provide the perfect solution to deliver broadband to any MDU, business or campus environment.

Product Benefits

- Converts balanced twisted pair signal to unbalanced 75 Ω signal
- Allows coax to be used to vary the G.fast signal where twisted pair is unavailable or inadequate
- Installed in NID, MDU or DPU enclosures
- Innovative dovetail channeling design provides quick and easy installation

Specifications

Dimensions	23.4mm x 23.4mm x 63.8mm (H x W x D) 0.92" x 0.94" x 2.51"
Operating Temperature	-40 to +65 °C -40 to +140°F
Weight	50g (0.11lbs)
Mounting	Mounting sled or tray accessory
Communications Interface	75 Ω unbalanced: F-Type Coaxial Connector 100 Ω balanced: Optional twisted pair or RJ-11 Plug
Capacity	1 Subscriber loop per line unit
Compliance	Compliant to CSA/UL Standards



comtestnetworks.com



sales@comtestnetworks.com



1.877.369.5499