

# Indoor G.fast Baluns



Model G.fast Balun

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| NAME                         | ORDER NUMBER |
|------------------------------|--------------|
| G.fast Balun SA-2252-0023-BK |              |
| G.fast Balun SA-2252-0023-WH |              |

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## BENEFITS

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- Converts balanced twisted pair signal to 75Ω unbalanced signal
- Allows coax to be used to vary the G.fast signal where twisted pair is unavailable or inadequate
- Installed indoors within MDU or DPU enclosures

The Comtest Indoor 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). Our indoor Baluns are designed for homes or buildings lacking telephone wiring or that have inadequate twisted pair wiring, and provide a method to bring video programming and high-speed broadband services into the premises using the existing wiring.

G.fast promises to deliver gigabit speeds over short lengths of standard twisted pair Telco cable; this reach can be optimally extended via coax to businesses and MDU environments. Capitalizing on the ultra-broadband capabilities of G.fast, these higher bandwidths can be pushed further and further into rural areas and older neighborhoods.

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

## SPECIFICATIONS

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| <b>DIMENSIONS</b>               | 23.4mm x 23.4mm x 63.8mm (H x W x D) (0.92" x 0.94" x 2.51")                                 |
| <b>OPERATING TEMPERATURE</b>    | -40 to +65 °C<br>-40 to +149 °F  |
| <b>WEIGHT</b>                   | 50g (0.11lbs)  |
| <b>COMMUNICATIONS INTERFACE</b> | 75Ω unbalanced: F-Type Coaxial Connector, 100Ω balanced: Optional twisted pair or RJ-11 Plug |
| <b>CAPACITY</b>                 | 1 Subscriber loop per line unit  |
| <b>COMPLIANCE</b>               | Compliant to CSA/UL Standards  |

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