

TECHNICAL DIRECTIVE

Communication Booster Installation Cable

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GTI-TD-048-1117-GB

Distribution Regions: All Regions

Product Relevance: PC, EC

For use by: Distributors, Consultants, Contractors and End Users.

Communication Boosters, Bailoy Part GTI-COM-BOO-S, are wall-mounted devices that enable a DOU to be installed up to 1600 meters from the computer or another DOU.

One Communication Booster is mounted next to the computer, while the other is installed next to the DOU.

Communication cables suitable for the Communication Boosters

The cable required to connect the 2 Communication Boosters needs to meet the following requirements:

- 4 x 0.5mm², maximum conductor resistance is 100 Ohm/km
- Buried cables must be armoured.
 - The recommended cable type is CW1128/1198
- For outdoor applications where the cable can be installed overhead or in trunking, an armoured cable is not required.
 - In this case, the cable type is CW1128

Both these cable types are for telecommunications applications and are petroleum jelly filled.



- The maximum distance between a pair of boosters is 1600M (1 mile).
- All buried joints in the communications cable must be cast in resin to make it waterproof.

Further Reading:

Bulletin GTI-SB-080
Directive GTI-TSD-029