

Single G.fast Overlay Combiner

Model SA-2238-0001



NAME
Single G.fast Overlay Combiner

ORDER NUMBER
SA-2238-0001

G.fast technology is the next generation of broadband service delivered over traditional copper networks, widening the spectrum to 212MHz. G.fast offers a cost effective roll-out option than fiber as it allows the service provider to re-use valuable existing copper plant.

As networks speed up and microfilters typically used for xDSL connectivity hit their limitations, carriers need alternative high-bandwidth DPU/POTS support solutions that can be placed at the demarcation point.

Features unique to the G.fast overlay combiner includes secondary surge protection on both lines serving a dual purpose; Firstly, it protects the Combiner against lightning strikes and power crosses, reduces weather related failures and service calls. Secondly, this combiner offers additional protection of the equipment in the house reducing equipment failure due to surges.



BENEFITS

- Indoor G.fast POTS Combiner
- Backwards compatible to VDSL2 and ADSL2+
- Secondary lightning/surge suppression
- Compliant to Telcordia and CSA/UL Standards

SPECIFICATIONS

| | |
|-------------------------------|--------------------|
| DIMENSIONS (H X W X D) | 101 x 54 x 13 mm |
| | 3.9 x 2.12 x 0.5 " |
| OPERATING TEMPERATURE | -40 to +65 °C |
| | -40 to +149 °F |
| WEIGHT | 70g |
| | 0.15lbs |

SPECIFICATIONS

| | |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INTERFACE | Connects to PSTN service, G.fast DPU, and inside wiring using Gel-filled Insulation Displacement Connectors (22AWG, 24AWG or 26AWG solid conductor type) |
| CAPACITY | 1 Subscriber loop per line unit |
| COMPLIANCE | T1.413, T1.424, ITU-T G.992.1, G.992.3, G.992.5, G.993.1 and G.993.2, CSA/UL |