



## trunk and distribution amplifier

### Highlights

- Very high system performance
- High output level
- High gain
- Low noise figure (NF)
- Competitive price/performance
- GaAs FET hybrid technology



### Applications

- Advanced trunk and distribution in-one amplifier by interstage gain switch
- Active element in bi-directional broadband HFC networks
- For upgrading existing networks or establishing new networks
- For low density suburban areas and medium to high density buildings

### Key features

- Very high output level and low power consumption
- Gain and tilt adjustment by adjustable attenuators
- On board input attenuator, equaliser and cable simulator function
- Interstage attenuation and tilt combined in one compact module
- Flexible input and output splitter modules
- Test points (-20 dB) at input (non-directional) and output (directional)
- Flexible return path by plug-in diplexer modules
- On board active or passive return path, selected by a switch
- Return path test point (-20 dB) at input (non-directional)
- Upgradeable with an HMS compatible network management transponder module
- Upgradeable with a 1 tone AGC module
- Upgradeable with a DIB™ (Dynamic Ingress Blocking™) module
- Mains or line powered with switch mode power supply
- Die-cast aluminium housing meeting IP65 degree of dust and water protection
- 5A AC feed through to any terminal and 10A external AC input terminal
- Excellent surge and transient protection

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