



Active 8-ch L-band power divider



Active 8-ch L-band Power Divider is designed for uniform division of the power of the group multifrequency signal of the satellite into 8 equal parts. Broadband low-noise amplifiers with large dynamic range are used for losses compensation in bridges

Active 8-ch L-band Power Divider is designed for uniform division of the power of the group multifrequency signal of the satellite IF (950-2150 MHz) into 8 equal parts. Broadband low-noise amplifiers with large dynamic range are used for losses compensation in bridges.

KEY FEATURES:

- broadband low-noise amplifiers with large dynamic range are used for losses compensation in bridges
- high output power linearity (low intermodulation distortions)
- high output signal stability
- branches of Wilkinson multistage bridges are used for power division

All modules of the Active 8-ch L-band power divider, including power supply, are placed in a standard 1U case for mounting into 19" rack. The input and output connectors of the Active 8-ch L-band Power Divider are located on the rear panel. The main type of connectors is SMA (socket). The options include the use of BNC (50 Ω), BNC (75 Ω) or F-type (75 Ohm) connectors.

We may provide such additional requirements by advance order:

- Input impedance of 50 or 75 Ohms.
- Connector types: SMA, BNC, F.
- Input voltage injection for LNB power supply.

Parameter, unit	Parameter value
Working frequency range, MHz, not less	950 - 2150
Gain coefficient, dB, not less	0...+2
Flatness of gain coefficient at all working frequency range, dB, not more	+/- 2
Flatness of gain coefficient at 36 MHz range at any part of working band of 950-2150 MHz, dB, not more	+/- 0.5
Input VSWR, not more	1.8
VSWR at any output, not more	1.8
Power P1dB at input, dBm, not less	-5
Maximum effective power of group signal, dBm, not less	-15
Noise factor, dB, not more	5
Operating supply voltage, V	220, 50 Hz

Power consumption, W, not more	25
---------------------------------------	----

Taking into consideration that we (ROKS PrJSC) are developer and system integrator, also do not stop on our technical growth and improvement, know that view of all our devices and equipment including their technical parameters may be different from pictures presented on website and parameters listed on each device webpage.

Note! *All details customer has to confirm in advance during ordering and before payment. Those parameters that were not specified and / or were not agreed while ordering will be implemented as basic at the discretion of the manufacturer. Each our customer has 1.5 year warranty and 7 year aftersales support for whole range of our products.*