

GNSSoF
Expansion module, RF splitter, L1, 2RU, 1 RF IN, 32 RF OUT
GPSoF Amp Expansion Module 32

Properties

- Compatible with all H+S GPSoF RX modules
- NEBS Level 3 Carrier Grade



General data	
Product family	GNSS Expansion
Electrical data	
GNSS band	L1 L2
Link noise figure typical	10 dB
VSWR	< 1.4
Max. input at 1dB compression	3 dBm
Power in	12 V DC
Power connector	3pole connector series 680, socket
Mechanical data	
Weight	3 kg
Dimensions (LxWxH)	306mm x 481mm x 88mm
Environmental data	
Storage temperature	-40 °C ... 85 °C
Operation case temperature	-5 °C ... 55 °C
Optical data	
Time delay	55 ns
Input of RF connection	
Product family RF connector	SMA
Gender	Female
Amount of RF connectors	2 pcs
RF input impedance	50 Ω

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Output of RF connection	
Product family RF connector	SMA
Gender	Female
Amount of RF connectors	32 pcs

Technical drawing

Front View



Back View:



Ordering Information Table	
Item number	Item description
85128404	GPSoF Amp Expansion Module 32

Additional Information

Total link time delay calculation: Total delay [ns] = time delay TX [ns] + time delay RX [ns] + time delay single mode fiber 1310nm [ns/m] * link length [m]
Example 100m link delay = 55 ns + 100m * 4.9 ns/m = 545 ns

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