

HARGON 261

Distribution amplifier, 1 active output, 1 GHz / 200 MHz

RF PARAMETERS

Forward Channel

Bandwidth	85...260 - 1006 MHz
Gain @1 GHz	1 x 39 ± 1 dB
Noise figure ¹	< 8 dB
Flatness ²	± 0.75 dB
Slope	± 1 dB
Output level ³ :	
CTB ≤ - 60 dBc	112 dBμV
CSO ≤ - 60 dBc	115 dBμV
Return loss ⁴	> 18 dB
Input testpoint (bi-directional)	- 20 ± 1.5 dB
Output testpoints (directional)	- 20 ± 0.5 dB
Forward gain (A), slope (E) control:	
A1, E1	0 - 20 step 0.5 dB
A2, E2	0 - 15 step 0.5 dB

Reverse Channel

Bandwidth	5 - 65...200 MHz
Flatness ⁵	± 0.5 dB
Return loss ⁶	> 18 dB
Gain ⁷	26 / - 8 dB
HUM modulation ⁸	≤ - 60 dBc
Reverse gain (A), slope (E) control:	
A3, A4, A5, E3	0 - 20 step 0.5 dB
Noise figure ⁹	< 6 dB

OTHERS

Voltage range:	
remote powering	30 - 65 V AC
mains powering	230 ± 10% V AC
Max. current for RF ports	7 A
Max. current for AC IN port	8 A
Power consumption	< 13 W
Operation temperature range	- 40 - 60 °C
Connectors	PG11 (others on request)
Protection class	IP 65
Dimensions (W x L x H)	202 x 172 x 80 mm
Weight	2 kg

AVAILABLE VERSIONS

HARGON 261 089Y	remote powering
HARGON 261 089M	mains powering



1 GHz technology

An extended bandwidth in downstream up to 1 GHz



200 MHz technology

A possibility of extending bandwidth in upstream up to 200 MHz



HHT (Hand Held Terminal) support

A quick and intuitive configuration of devices; the electronic documentation of the network



Electronic adjustment

Easy configuration by using buttons and LED Indicator



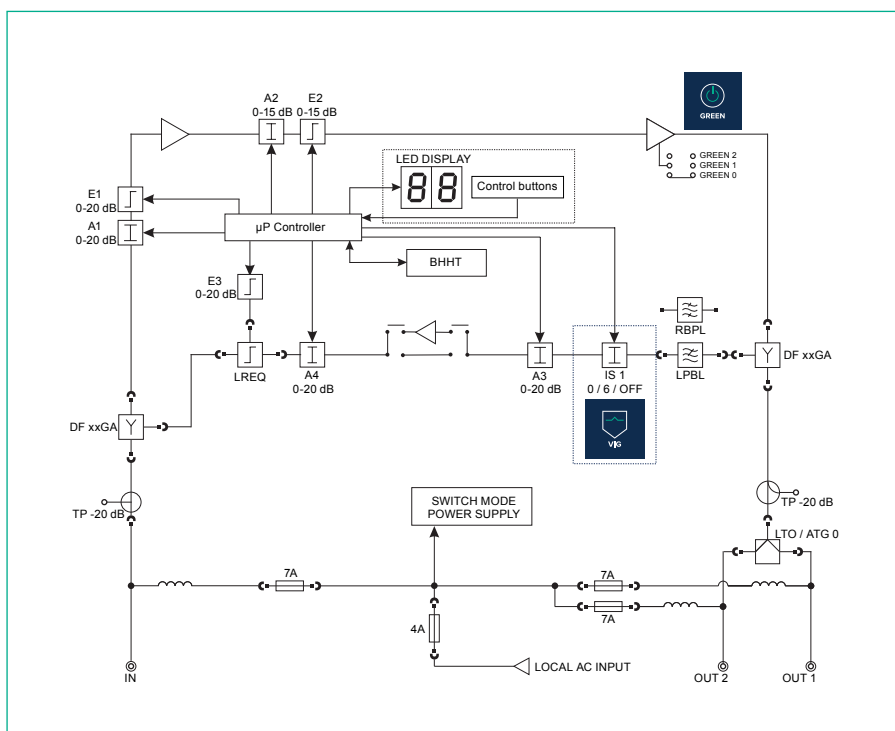
VIG (VECTOR INGRESS GUARD)

System compliant; Verification and elimination of the source of ingress in the network



GREEN mode

A significant reduction of power use thanks to optimization of its consumption



- N.F. < 8 dB for f ≤ 1002 MHz, typical value
- Valid 15 MHz after the starting frequency of the selected diplex filter
- According to EN50083-3, 9 dB interstage slope, 42 channels CENELEC, value measured & guaranteed per each product
- 18 dB for f ≤ 40 MHz, 18 dB -1.5 dB/oct for f > 40 MHz
- For 6 - 60 MHz with DF65G; for 6 - 60 MHz with DF65G
- > 16 dB for 5 MHz < f < 8 MHz; > 18 dB for f > 8 MHz
- For active return path / passive return path; + / - 1 dB
- For f > 16 MHz, remote current < 6 A @ 25 °C, typical value
- Up to 200 MHz, with diplex filters, typical value, NF < 7 for f = 200 MHz

Unless otherwise specified, the whole specifications are tested with 65 / 85 diplex filters installed; GREEN = 0, at room temperature 25°C

21/03/2016 Specifications are subject to change without notice.