VECTOR HARGON 3710

1,2 GHZ TRUNK/DISTRIBUTION AMPLIFIER

- 1,2 GHz Technologie
- 200 MHz Technologie
- GaN Technologie
- Electronische Steuerung
- VMC (VECTOR Mobile Commander)

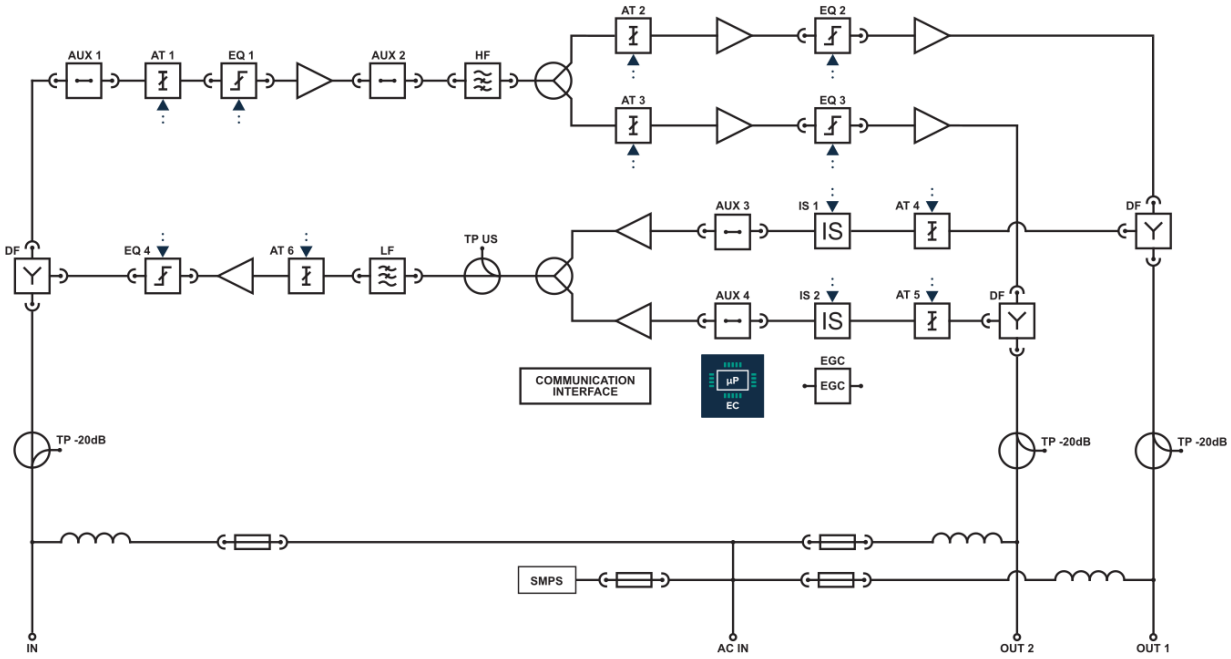
OPTIONAL

- Spektrum-Analysator
- Auto Alignment
- VIG (VECTOR Ingress Guard)
- NMS Transponder
- ALSC (Automatic Level and Slope Control)

SPEZIFIKATIONEN

RF PARAMETERS FORWARD CHANNEL	
Bandwidth	85...258 - 1218 MHz
Gain @1.2 GHz TRUNK / DISTRIBUTION	2 x 35 / 44 ±0.5 dB
Noise figure	< 7.5 dB
Flatness TRUNK / DISTRIBUTION	±0.75 dB
Output level: CTB ≤ -60 dBc CSO ≤ -60 dBc	 2 x 118 dBµV 2 x 120 dBµV
Umax	2 x 112 dBµV
Input testpoint (directional)	-20 ±1.0 dB
Output testpoints (directional)	-20 ±0.75 dB
RF PARAMETERS REVERSE CHANNEL	
Bandwidth	5 - 65...204 MHz
Gain @204 MHz	2 x 28 ±0.75 dB
Noise figure	< 8.5 dB
Flatness	±0.5 dB
NPR / Dynamic range	48 dB / 23 dB
OTHERS	
Voltage range: remote powering	 30 - 65 V AC
Max. current for RF / AC IN ports	10 / 16 A
HUM modulation	≤ -62 for 7 A
Return loss	> 18 dB
Power consumption	37 W
Operation temperature range	-40 - 60 °C
RF Connectors	3 x 5/8”
Protection class	IP 67
ESD protection	4 kV
Surge protection	6 kV
Dimensions (W x L x H)	255 x 234 x 128 mm
Weight	4 kg

BLOCKDIAGRAMM



Downstream Configuration:
Input/Interstage gain control (AT1, AT2, AT3): 0 - 20, step 0.5 dB
Input/Interstage slope control (EQ1, EQ2, EQ3, EQ4): 0- 18, step 0.5 dB

Upstream Configuration:
Output/Interstage gain control (AT4, AT5, AT6): 0 - 20, step 0.5 dB
Output slope control (EQ6): 0- 18, step 0.5 dB
Ingress switches (IS1, IS2): 0, -6, -40 dB

BESTELLINFORMATION

AVAILABLE VERSIONS	
HARGON 3710 079Y	Fernspeisung