

## AH HYBRID-SERIES



Type	AH HYBRID-SERIES
Frequency	68...88 MHz 88...108 MHz 146...174 MHz 380...400 MHz 410...430 MHz 450...470 MHz 890...960 MHz
Bandwidth	Depending on frequency range
Impedance	50 $\Omega$
VSWR	1,3 max
Isolation	25...30 dB depending on frequency range
Coupling loss	3 dB
Insertion loss	0,15 dB
Max. Continuous power	0,5 kW
Input RF-connector	N or 7/16 female
Output RF-connector	N or 7/16 female
Wind area	0,075 m <sup>2</sup>
Dimensions (H x W x D)	300 x 250 x 45 mm
Weight	1,4 kg
Mounting diameter	Direct wall mount.
Materials	Aluminium
Options	Special types available on request. Rack mount.

## ASYMMETRIC POWER DIVIDER / HYBRID AH2100-09-F71



Type	AH2100-09-F71
Frequency	1,7...2,5 GHz
Bandwidth	0,8 GHz
Impedance	50 $\Omega$
VSWR	1,5 max
Isolation	$\geq 15$ dB
Coupling loss	4,5 dB
Insertion loss	#1 Output 1 dB #2 Output 9 dB
Max. Continuous power	50 W
RF-connector	7/16 female
Dimensions (H x W x D)	80 x 100 x 40 mm
Weight	0,5 kg
Mounting	-
Materials	Aluminium, brass
Options	Connectors max power High performance on narrow band

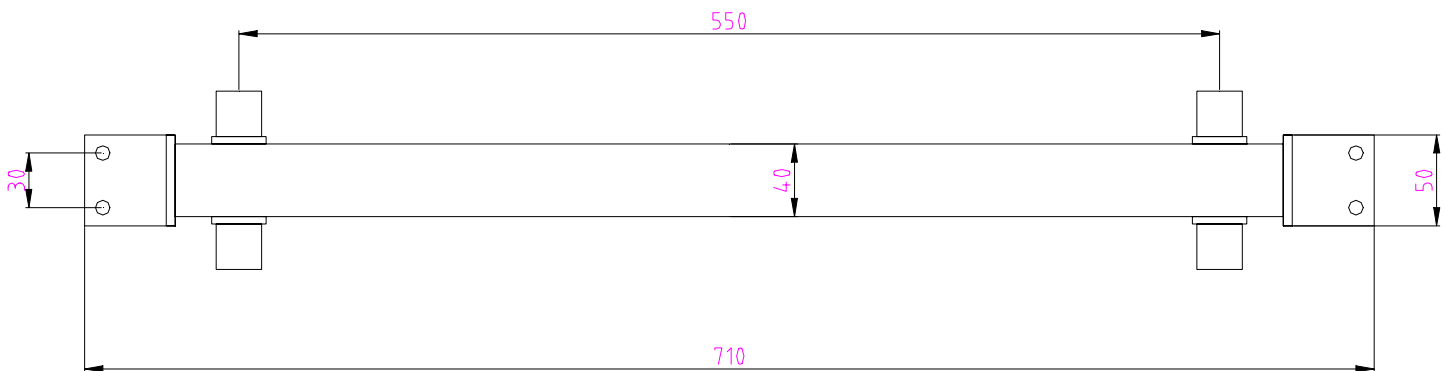
\* Isolation port requires a termination

## AMUX925-4/1-FN1



Type	AMUX925-4/1-FN1
Frequency	870...960 MHz
Impedance	50Ω
Return loss: Inputs Output	≥9dB (SWR≤2.0) ≥21dB (SWR≤1.2)
Transmission attenuation	6.0±0.5dB
Isolation between inputs	>17db
Max. continuous power	2W
RF connector	N female
Dimensions	200x70x70mm
Weight	0.45kg
Materials	Aluminium
Options/additional information	-for combining 2 to 4 GSM modules to one antenna -all not used inputs must be terminated with 50Ω 1W load.

## HYBRID 100/400



Type	H100/400
Input frequencies	80...160 MHz 400...450 MHz
Bandwidth	80 / 50 MHz
Impedance	50 $\Omega$
VSWR	1,3 max
Isolation	$\geq 17$ dB between frequencies
Coupling loss	4,5 dB
Insertion loss	0,2 dB
Max. Continuous power	100 W
RF-connector	7/16 female
Dimensions (H x W x D)	710 x 50 x 100 mm
Weight	1,9 kg
Mounting	Wall mount
Materials	Aluminium
Options	-

\* Isolation port requires a termination