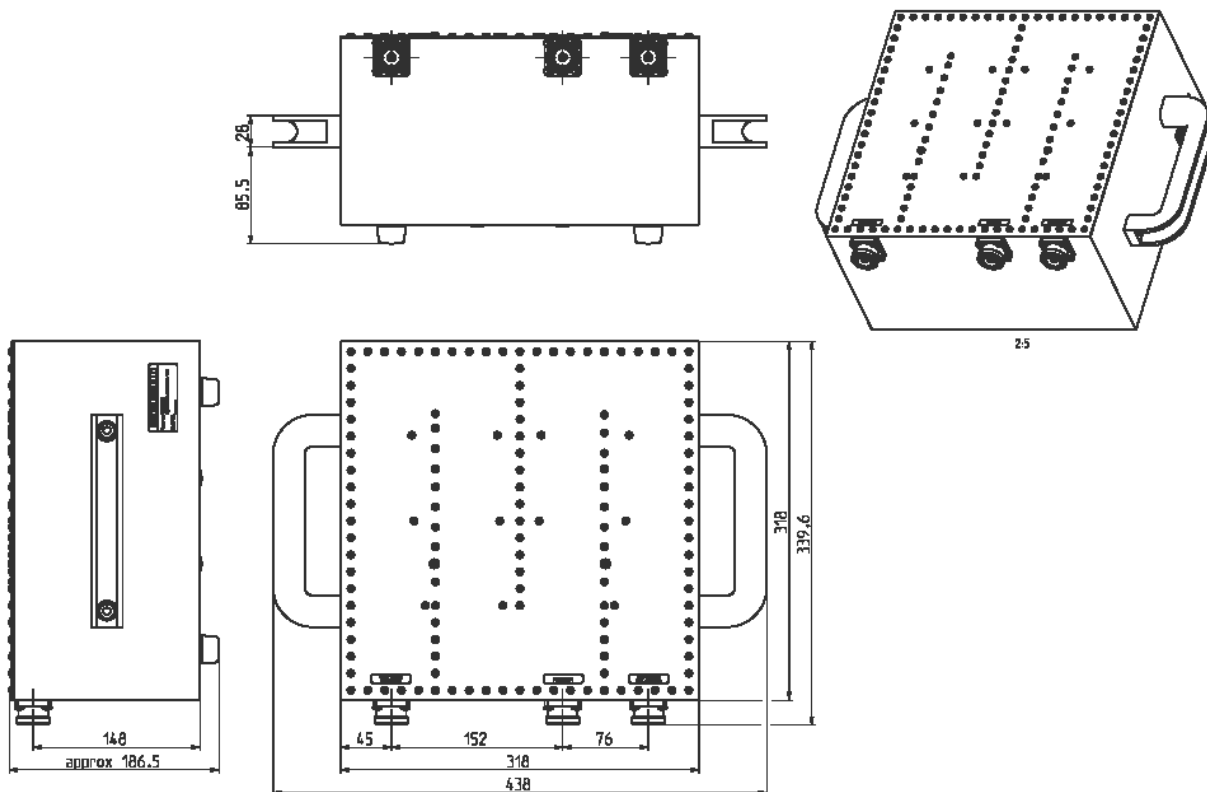


Dual Band Combiner

410 – 418 / 422 – 430 MHz

The dual band combiner A169100 is specially designed for very low passive intermodulation and enables an improvement of your existing equipment for intermodulation measurements.



Technical Data:

Type No.	A 169100		
Lower band (RX):		IM products:	
Port 1:	410...418 MHz	Carrier:	2 carriers (2 x 20 W); 422...430 MHz
Return loss:	> 19 dB; typical 21 dB	Range of measurement:	414...418 MHz 3 rd order 410...418 MHz 5 th order
VSWR:	< 1.25	IM 3 rd order:	< -178 dBc
Insertion loss:	< 1.2 dB; typical 1.0 dB	IM 5 th order:	< -180 dBc
Isolation:	> 80 dB / 422...430 MHz		
Upper band (TX):		Impedance:	50 Ω
Port 2:	422...430 MHz	Connectors:	7/16 female
Return loss:	> 19 dB; typical 21 dB	Application:	indoor
VSWR:	< 1.25	Temperature range:	room temperature
Insertion loss:	< 1.2 dB; typical 1.0 dB	Dimensions (mm):	s. above
Isolation:	> 76 dB / 410...418 MHz	Weight:	17 kg