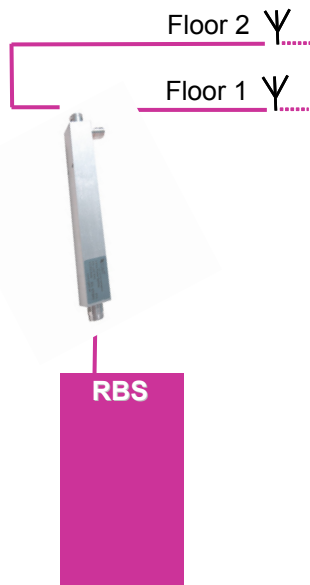


Power Splitters, Broadband
88 - 2700 MHz
FM, TETRA, NMT, GSM900,
GSM1800, UMTS and LTE



Splits signals in 2 ways

The power splitter is designed to equally split one input signal into 2 outputs.

When building an indoor coverage system the splitter is often used to split signals between floors and antennas. The functionality of handling both transmitting and receiving signals in the same path is highly beneficial since the TX signal is split and the RX signal is combined in the same stage and component.

Installation bracket

Use flexible stainless steel mounting bracket EG 300 0306 for Power Splitter with DIN connectors or the EG 699 0005 bracket for N version.

Superior bandwidth, 88 - 2700 MHz

All Egant power splitters are individually designed to be as future proof as possible. They are extremely broad banded to accommodate for tomorrow's cellular systems, thus minimizing the need to replace older components when adding new services into a system.

Design Highlights:

- Low insertion loss
- Low intermodulation
- Easy installation
- No active components (robust design)

Technical Specifications for Power Splitters

Below are some typical data. For more detailed information, please contact us.

	2-Way Power Splitter	2-Way Power Splitter
Electrical Specifications		
Product number:	EG 605 0023	EG 605 0024
Passband:	88 - 2700 MHz	88 - 2700 MHz
Input return loss:		
88-376MHz	≥ 9 dB, typ 10dB	≥ 9 dB, typ 10dB
376-500MHz	≥ 13,8 dB	≥ 13,8 dB
500-600MHz	≥ 18 dB	≥ 18 dB
600-2700MHz	≥ 22 dB	≥ 22 dB
Coupling:		
Insertion loss 88-376MHz	< 3.6 dB, typ 3.3dB	< 3.6 dB, typ 3.3dB
Insertion loss 376-2700MHz:	< 3.3 dB, typ 3dB	< 3.3 dB, typ 3dB
Max input power/port:	500 W avg.	500 W avg.
3 rd order intermodulation:	3 kW peak	3 kW peak
IM3, 2 x 43 dBm:	≤-110 dBm (153 dBc)	≤-110 dBm (153 dBc)
Impedance in/out:	50 Ohm	50 Ohm
Mechanical Specifications		
Dimensions (W x H x D):	255 x 62 x 38 mm	265x 54 x 26 mm
Connectors:	7/16 (f)	N (f)
Weight:	1.12 kg	0.45 kg
Environmental Specifications		
Temp. range (normal operation):	-35 to +70°C	-35 to +70°C
Humidity:	Relative 5 - 100%	Relative 5 - 100%
Sealing:	IP68	IP67
Installation support:	EG 300 0306 Bracket, stainless steel	EG 699 0005 Bracket, alu

Egant reserves the right to change this product specification at any time without notice.

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