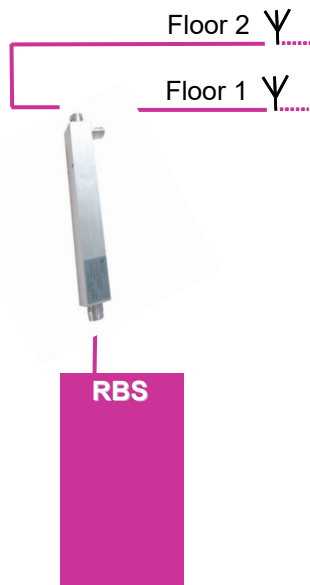


Power Splitters, Broadband
376 - 2200 MHz
TETRA, NMT, 800, 900, 1800, 2100



Splits signals in 2, 3 or 4 ways

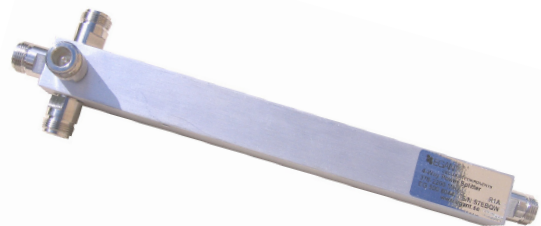
The power splitter is designed to equally split one input signal into 2, 3 or 4 outputs. When building an indoor coverage system the splitter is often used to split signals between floors and antennas. The functionality of handling both transmitting and receiving signals in the same path is highly beneficial since the TX signal is split and the RX signal is combined in the same stage and component.

TETRA, 376 - 2200 MHz

The 2-way, 3-way and 4-way power splitters are individually designed to be used with TETRA, NMT, LTE800, LTE900, GSM900, LTE1800, GSM1800, LTE2100 and UMTS2100.

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.

	EG 500 8132	EG 500 8133	EG 500 8134
Electrical Specifications			
Product number:	EG 500 8132	EG 500 8133	EG 500 8134
Passband:	2-Way Splitter	3-Way Splitter	4-Way Splitter
Input return loss: 376 - 2200 MHz	376 - 2200 MHz ≥ 18 dB, typ 24 dB	376 - 2200 MHz ≥ 18 dB, typ 24 dB	376 - 2200 MHz ≥ 18 dB, typ 24 dB
Split loss:	< 3.0 dB	< 4.7 dB	< 6.0 dB
Dissipative loss: 376 - 2200 MHz	≤ 0.05 dB	≤ 0.05 dB	≤ 0.05 dB
Max input power/port:	700 W avg. 3 kW peak	700 W avg. 3 kW peak	700 W avg. 3 kW peak
3 rd order intermodulation: IM3, 2 x 43 dBm:	≤ -117 dBm (160 dBc)	≤ -117 dBm (160 dBc)	≤ -117 dBm (160 dBc)
Impedance in/out:	50 Ohm	50 Ohm	50 Ohm
Mechanical Specifications			
Dimensions (W x H x D):	253 x 38 x 80 mm	271 x 38 x 80 mm	271 x 80 x 80 mm
Connectors:	4.3-10.0 (f)	4.3-10.0 (f)	4.3-10.0 (f)
Weight:	1.12 kg	1.20 kg	1.20 kg
Environmental Specifications			
Temp. range (normal operation):	-35 to +70°C	-35 to +70°C	-35 to +70°C
Humidity:	Relative 5 - 100%	Relative 5 - 100%	Relative 5 - 100%
Sealing:	IP68	IP68	IP68
Installation support:	EG 699 0005 Bracket, aluminum	EG 699 0005 Bracket, aluminum	EG 699 0386 Bracket, stainless steel

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

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