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Coax

## RF Attenuators

Series SMA, BNC, TNC, N, R-SMA, R-TNC

# RF Attenuators

The Telegärtner attenuators are used to reduce rf signal levels. Designed for use up to 6 GHz, these attenuators guarantee a precise signal attenuation of 3, 6, 10 or 20 dB, depending on the type used. Typical applications are in the field of test and measurement, as well as for antenna lines, where the emission must be set at defined levels ( eg. mobile communications, WLAN etc. ).

## Characteristics

- Frequency Range up to 6 GHz
- Precise attenuation values: +/- 0.1 dB up to 2 GHz, +/- 0.2 dB up to 5 GHz, +/- 0.3 dB up to 6 GHz
- 50 Ohm impedance
- additional attenuation values and mating face designs on request

### SMA m-f



Order no.	Attenuation nominal	Frequency max.	Return Loss			Power max.*
			1 GHz	3 GHz	6 GHz	
J01156A0011	3 dB	6 GHz	30 dB	25 dB	20 dB	2 W
J01156A0021	6 db	6 GHz	30 dB	25 dB	20 dB	2 W
J01156A0031	10 db	6 GHz	30 dB	25 dB	20 dB	2 W
J01156A0041	20 db	6 GHz	30 dB	25 dB	20 dB	2 W

### BNC m-f



Order no.	Attenuation nominal	Frequency max.	Return Loss			Power max.*
			1 GHz	3 GHz	6 GHz	
J01006A0022	3 dB	6 GHz	30 dB	25 dB	20 dB	2 W
J01006A0023	6 db	6 GHz	30 dB	25 dB	20 dB	2 W
J01006A0024	10 db	6 GHz	30 dB	25 dB	20 dB	2 W
J01006A0025	20 db	6 GHz	30 dB	25 dB	20 dB	2 W

### TNC m-f



Order no.	Attenuation nominal	Frequency max.	Return Loss			Power max.*
			1 GHz	3 GHz	6 GHz	
J01016A0004	3 dB	6 GHz	30 dB	25 dB	20 dB	2 W
J01016A0005	6 db	6 GHz	30 dB	25 dB	20 dB	2 W
J01016A0006	10 db	6 GHz	30 dB	25 dB	20 dB	2 W
J01016A0007	20 db	6 GHz	30 dB	25 dB	20 dB	2 W

### N m-f



Order no.	Attenuation nominal	Frequency max.	Return Loss			Power max.*
			1 GHz	3 GHz	6 GHz	
J01026A0018	3 dB	6 GHz	30 dB	25 dB	20 dB	2 W
J01026A0019	6 db	6 GHz	30 dB	25 dB	20 dB	2 W
J01026A0020	10 db	6 GHz	30 dB	25 dB	20 dB	2 W
J01026A0021	20 db	6 GHz	30 dB	25 dB	20 dB	2 W

### R-TNC m-f



Order no.	Attenuation nominal	Frequency max.	Return Loss			Power max.*
			1 GHz	3 GHz	6 GHz	
J01016R0004	3 dB	6 GHz	30 dB	25 dB	20 dB	2 W
J01016R0005	6 db	6 GHz	30 dB	25 dB	20 dB	2 W
J01016R0006	10 db	6 GHz	30 dB	25 dB	20 dB	2 W
J01016R0007	20 db	6 GHz	30 dB	25 dB	20 dB	2 W

### R-SMA m-f



Order no.	Attenuation nominal	Frequency max.	Return Loss			Power max.*
			1 GHz	3 GHz	6 GHz	
J01156R0011	3 dB	6 GHz	30 dB	25 dB	20 dB	2 W
J01156R0021	6 db	6 GHz	30 dB	25 dB	20 dB	2 W
R01156R0031	10 db	6 GHz	30 dB	25 dB	20 dB	2 W
R01156R0041	20 db	6 GHz	30 dB	25 dB	20 dB	2 W

\* up to 30°C ambient temperature