

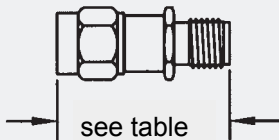
## Series DGL-18

- Standard types:  
3 / 6 / 10 / 20 / 30 dB
- Intermediate values:  
SMA connectors  
0 – 1,75 dB in 0,25 dB-steps  
2 – 30 dB in 1 dB-steps
- N connectors  
1 – 29 dB in 1 dB-steps

## Dimensions SMA and N connectors

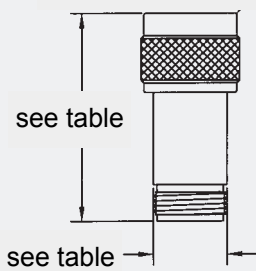
## SMA connectors

SMA connectors to  
MIL-C-C-39012 typ.



## N connectors

N connectors to  
MIL-C-39012 typ.

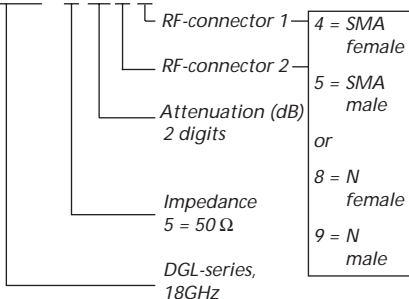


## Technical data (guaranteed values at +25 °C)

Frequency range	DC – 18 GHz	
Impedance	50 Ω	
Peak power	250 W max. (5 μs, 0,05%)	
Attenuation accuracy	0 – 6 dB	±0,30 dB max.
	7 – 20 dB	±0,50 dB max.
	21 – 30 dB	±0,75 dB max.
VSWR	DC – 4 GHz	1,15 : 1 max.
	4 – 8 GHz	1,20 : 1 max.
	8 – 12,4 GHz	1,25 : 1 max.
	12,4 – 18 GHz	1,35 : 1 max.
Maximum RF-input power	2 W at 25° C linear decreasing to 0,5 W at 125 °C	
Temperature range	-65 to +125 °C	
RF-connectors	SMA or N	

## Model designation

DGL18 - 5 10 5 4



## Dimensions

Total length	Diameter	0 – 12 dB	13 – 30 dB	0 – 30 dB
SMA f / SMA m	7,10 mm	22 mm	25 mm	–
SMA m / SMA m	7,10 mm	25 mm	28 mm	–
SMA f / SMA f	7,10 mm	22 mm	25 mm	–
N f / N m	15,75 mm	–	–	44,70 mm
N m / N m	14,22 mm	–	–	46,23 mm
N f / N f	14,22 mm	–	–	50,42 mm

With N connectors up to 60 dB on request