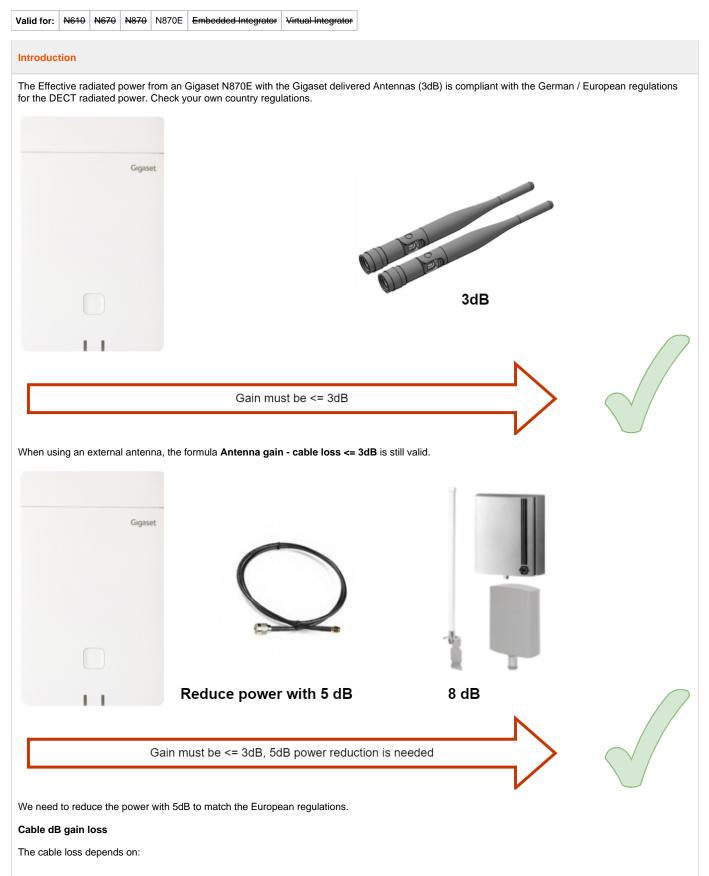
## FAQ - External antennas - output power / cable loss



- Cable typeCable LengthCable diameter

## Examples:

Туре	Diameter	Loss
RG223	5.4 mm	Loss/100m: 60 dB
RG174/U	2.8 mm	Loss/100m: 142dB
Aircell 5	5 mm	Loss/100m: 45 dB
Aircell 7	7 mm	Loss/100m: 21 dB
Ecoflex 15	15 mm	Loss/100m: 16 dB

Example:

Using 5 meter RG223 cable = 3 dB loss

Antenna gain - cable loss <= 3dB

8 dB - 3 dB = 5 dB is still 2 dB to high.

The signal strength can be further reduced by external hardware or by the system: FAQ - Base stations Edit