## OnBoard™ SMD GSM-UMTS

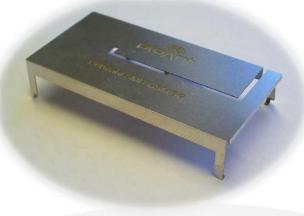
Small antenna for embedded products on the cellular GSM and UMTS (3G) bands.

The OnBoard SMD concept offers features like:

- SMD compatibility
- Tape on reel delivery
- Low loss material
- PCB on-ground implementation
- Simple fine tuning by matching network
- RoHS compliance
- Low cost

Technical data	
Part number	468
Frequency	824-960 MHz 1710-2170 MHz
Impedance	50 ohm
Return loss	< -6 dB
Total efficiency	> 63% (-2.0dB)
Dimensions	50 x 25 x 10 mm (1.969 x 0.984 x 0.394 in)
Assembly	pick and place
Soldering	reflow or equivalent
Packing	Tape and reel
Temperature	-40 to +85° C

Note: Above specification is valid on the Proant evaluation board. See related application note for more information.





## **Performance**

