

# TRA 169

## Rubber antenna



TRA169 Rubber antenna is designed to be used for M2M and Smart Metering applications, where a rugged antenna is preferable.

- M2M (Machine-to-Machine antenna), 169 MHz
- The antenna is to be mounted in a hole of  $\varnothing 16\text{mm}$  or  $\varnothing 20\text{mm}$  with an adapter ring
- Based upon Smarteq Wireless RF technology
- All versions RoHS compliant

## Specifications

### Electrical

Frequency	169 +/- 1 MHz
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	1710 – 2170 MHz
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Impedance	Nominal 50 $\Omega$
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Gain	-5 dBi
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VSWR	<4:1
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Polarization	Linear vertical
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Max power	10 W
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### Mechanical

Dimension	~100x $\varnothing$ 21 mm tapered
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Weight	~40 g
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Cable	2,5 m RG316
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Connector	SMA (m)
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Color	Black
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Material	PCB 1,6 mm FR-4
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Water ingress	IP 44
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### Environmental

Temperature	-40°C to +85°C
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### Part number

TRA169
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Smarteq reserves the right to change specifications without prior notice.

Smarteq, based in Stockholm, Sweden, is a leading developer of antennas and antenna systems for increased availability. Smarteq aims towards the market segments industry, energy and vehicles.

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