

# AN 2050N SERIES

## SINGLE-LINE ARTIFICIAL NETWORKS (AN) FOR EMISSION MEASUREMENTS IN BATTERY SUPPLY SYSTEMS



符合下列标准 ...

- > CISPR 25
- > ISO 11452-4
- > ISO 7637-1:1990
- > ISO 7637-2:2004
- > ISO 7637-2:2011

### AN 2050N SERIES - ARTIFICIAL NETWORKS (AN) FOR EMISSION MEASUREMENTS IN BATTERY SUPPLY SYSTEMS

The EM TEST single-line Artificial Networks, type AN 2050N series, are used for the simulation of the impedance of the wiring harness particularly for testing the interference voltage in HF-VHF-area in the battery supply system (e.g. in the automotive, aerospace and military area).

They are designed to meet the specifications as per CISPR 25/ISO 11452-4 or ISO 7637.

#### HIGHLIGHTS

- > Artificial Network as per ISO 7637 or CISPR 25 / ISO 11452-4
- > Frequency range: 100kHz - 108MHz
- > DC voltage max. 400V
- > AC voltage max. 250V (up to 1kHz)
- > Current max. 50A AC/DC cont.
- > Insertion loss < 3dB
- > Compact design

#### 应用领域

-  汽车
-  航空
-  军用

## 技术细节

## AN 2050N SERIES

## MODEL OVERVIEW

AN 2050N	Artificial Network as per ISO 7637-2:2011 and ISO 7637-1:1990
AN 2050N1	Artificial Network as per CISPR 25 (with 1uF) and ISO 11452-4

## TECHNICAL DATA

Frequency range	0.1 to 108MHz
Operation voltage	400V DC / 250V AC (up to 1kHz)
Operation current	50A continuous
Impedance	50ohm // 5uH +/-10% (AN 2050N) 50ohm // 5uH + 1uF (AN 2050N1)
Insertion loss	< 3dB DUT to receiver output
Inductance	5uH +/-10% (air-core coil)
Coupling capacitor	0.1uF

## MEASUREMENT

Power supply/DUT connection	High-current connector up to 100A 4mm safety lab connector up to 32A
Test output	BNC-connections

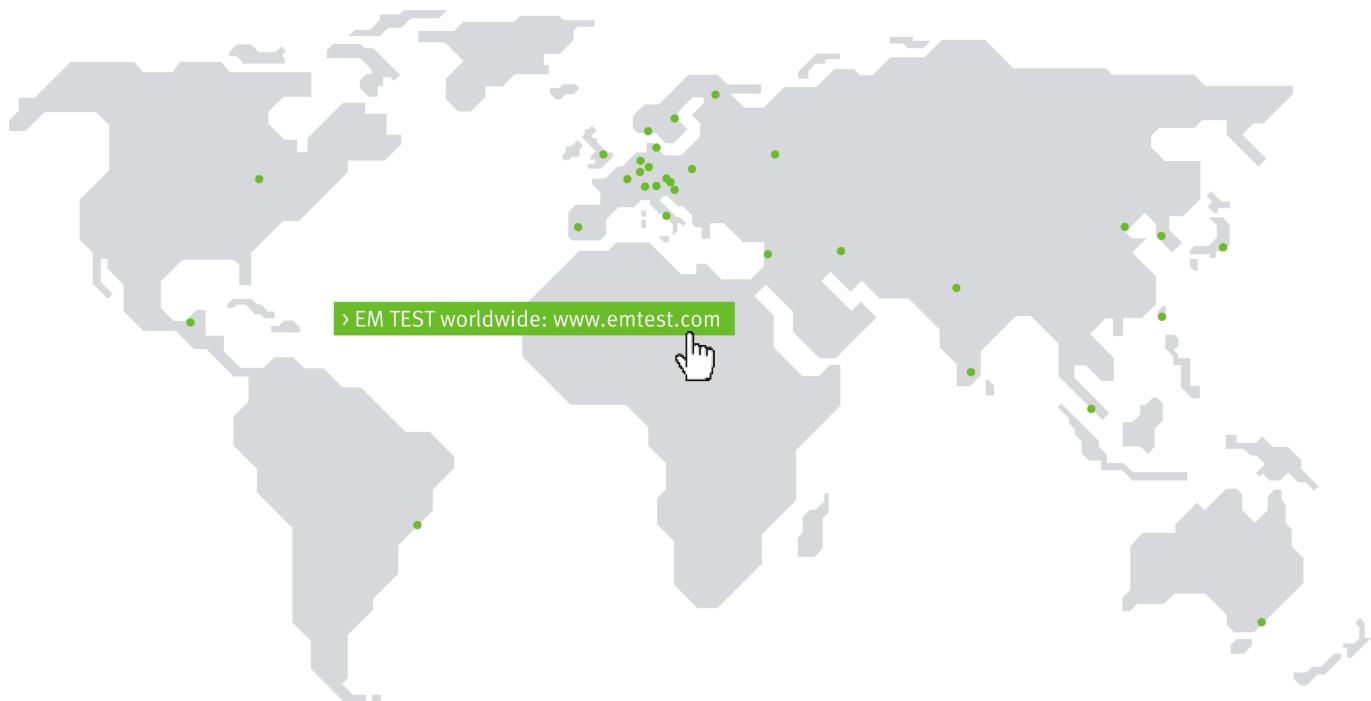
## GENERAL DATA

Dimensions	180 x 105 x 104mm (L x W x H) (without connecting socket)
Weight	approx. 1kg

## OPTIONS

BS 200N80	Electronic switch, 60V/80A, for the measurement of transient pulse emission as per ISO 7637
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# 实力无处不在



## 直接联系 EM TEST

### 瑞士

EM TEST (Switzerland) GmbH > Sternenhofstrasse 15 > 4153 Reinach > Switzerland  
电话 +41 (0)61/7179191, 传真 +41 (0)61/7179199  
Internet: [www.emtest.ch](http://www.emtest.ch) 电子邮件: [sales.emtest@ametek.com](mailto:sales.emtest@ametek.com)

### 德国

AMETEK CTS Germany GmbH > Lünerer Straße 211 > 59174 Kamen > Deutschland  
电话 +49 (0)2307/26070-0, 传真 +49 (0)2307/17050  
Internet: [www.emtest.com](http://www.emtest.com) 电子邮件: [info.cts@ametek.de](mailto:info.cts@ametek.de)

### 法国

EM TEST FRANCE > Le Trident - Parc des Collines > Immeuble B1 - Etage 3 > 36, rue Paul Cézanne > 68200 Mulhouse > France  
电话 +33 (0)389 31 23 50, 传真 +33 (0)389 31 23 55  
Internet: [www.emtest.fr](http://www.emtest.fr) 电子邮件: [info@emtest.fr](mailto:info@emtest.fr)

### 波兰

EM TEST Polska > ul. Ogrodowa 31/35, 00-893 Warszawa > Polska  
电话 +48 (0)518 64 35 12  
Internet: [www.emtest.com/pl](http://www.emtest.com/pl) 电子邮件: [infopolska.emtest@ametek.com](mailto:infopolska.emtest@ametek.com)

### 美国 / 加拿大

AMETEK Compliance Test Solutions > 52 Mayfield Ave. > Edison > NJ 08837  
电话 +1 (732) 417-0501  
Internet: [www.emtest.com](http://www.emtest.com) 电子邮件: [sales.emtest@ametek.com](mailto:sales.emtest@ametek.com)

### 中国

E & S Test Technology Limited > Rm 913, Leftbank >  
No. 68 Bei Si Huan Xi Lu > Haidian District > Beijing 100080 > P.R. China  
电话 +86 (0)10 82 67 60 27, 传真 +86 (0)10 82 67 62 38  
Internet: [www.emtest.com](http://www.emtest.com) 电子邮件: [info@emtest.com.cn](mailto:info@emtest.com.cn)

### Республика Корея

EM TEST Korea Limited > #405, WooYeon Plaza > #986-8, YoungDeok-dong >  
Giheung-gu > Yongin-si > Gyeonggi-do > Korea  
电话 +82 (31) 216 8616, 传真 +82 (31) 216 8616  
Internet: [www.emtest.co.kr](http://www.emtest.co.kr) 电子邮件: [sales@emtest.co.kr](mailto:sales@emtest.co.kr)

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