

The Aruba USB LTE modem is designed with 4G LTE to be deployed with remote APs and Gateways. The swivel USB connector allows the modem to rotate from 0 to 270 degrees on longitudinal axis and 0 to 90 degrees on lateral axis. A USB extender cable, sold separately, is available for modem placement in areas with better coverage.

Package Contents

- Aruba USB LTE modem
- T6 Torx screw (for Sim Card door)

Device Functionality

System LEDs

The System Status LED indicates the operating condition of the Aruba USB LTE modem, See [Table 1](#).

Table 1 Status LEDs

Color/State	Meaning
Off	Device powered off
Green - Solid	Link made
Orange - Solid	Powered but no cell link

Installation



The Aruba USB LTE modem can be plugged into supported devices such as Aruba Access Points or Gateways.

Installing Directly into Access Point or Gateway

1. Remove the SIM card door.

Figure 1 *Removing SIM card door screw*

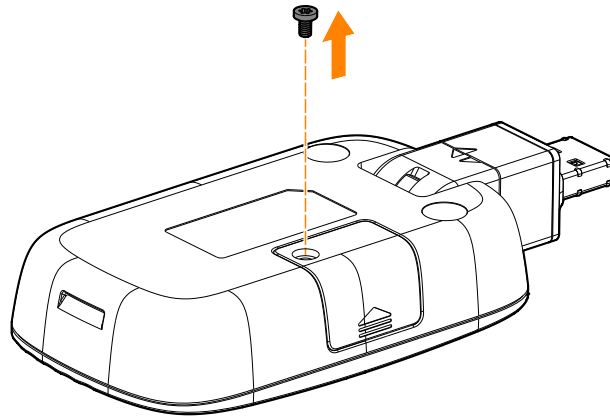
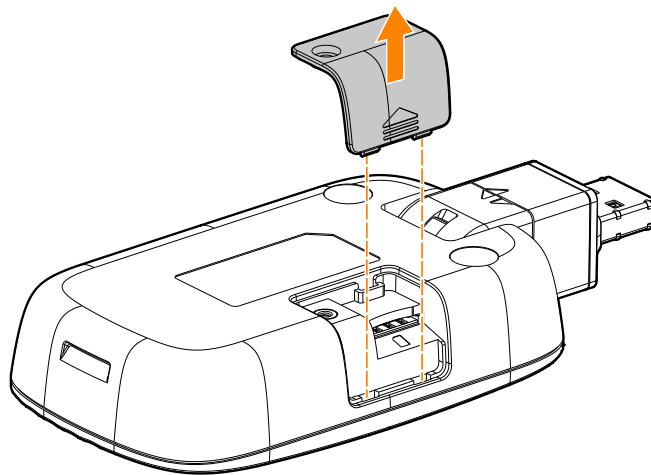
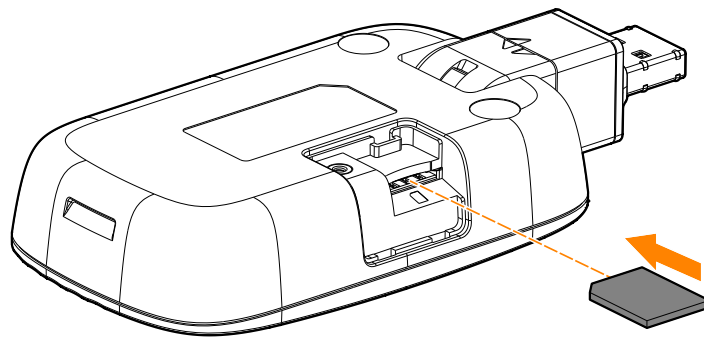


Figure 2 *Removing SIM card door*



2. Insert the Micro SIM card into the SIM socket, giving it one slight push.

Figure 3 Inserting Micro SIM card into Aruba USB LTE modem

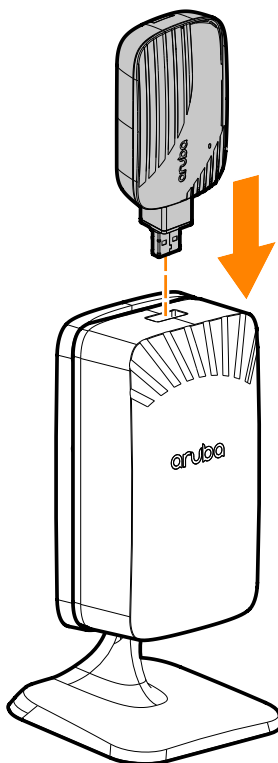


The SIM card used should only be a Micro or nano SIM card. If nano SIM card is used, make sure to place it in a Micro carrier.

The SIM socket functions in a push-to-install and push-to-eject method. During installation, a second push will result in an ejected SIM card. A pair of tweezers is required for SIM card removal.

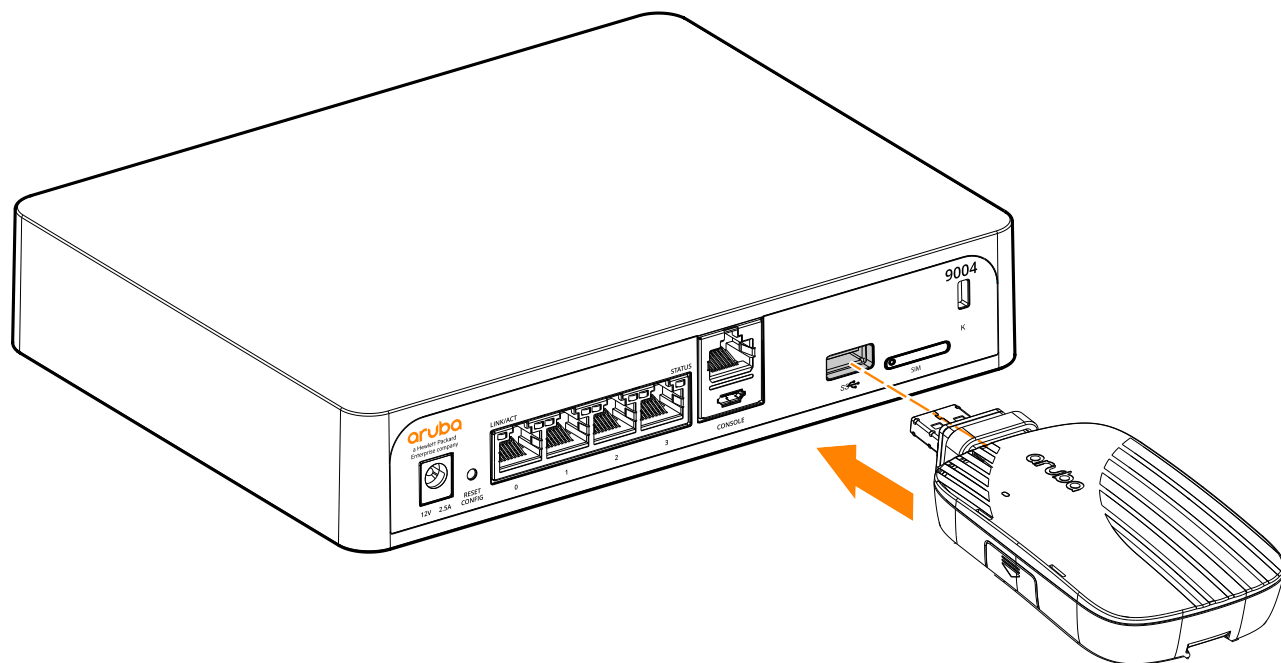
3. Screw the SIM card door back onto the Aruba USB-LTE modem using the attached M2 Phillips head screw or the included T6 Torx screw for additional security.
4. Plug the Aruba USB LTE modem into your Access Point or Gateway.

Figure 4 Plugging Aruba USB-LTE modem into Access Point



Rotate the modem's USB hinge according to the location and position of the access point, while maintaining the modem itself in a vertical position. For safety and better quality, keep surrounding areas clear of obstructions.

Figure 5 *Plugging Aruba USB LTE modem into Gateway*



Installing Using the USB Extender Cable

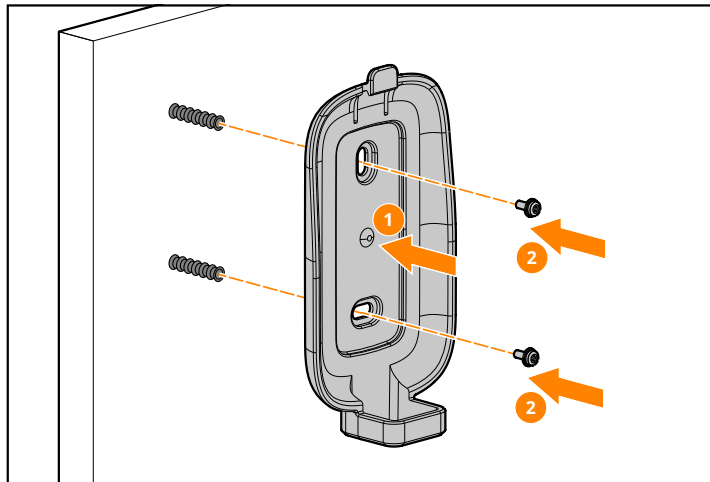


The USB extender is sold separately, and may be used to extend the modem to a location with better signal coverage. The extender cable comes with a wall mount cradle to hold the modem.

Complete [step 1](#) and [step 2](#) of *Installing Directly Into Access Point or Gateway*.

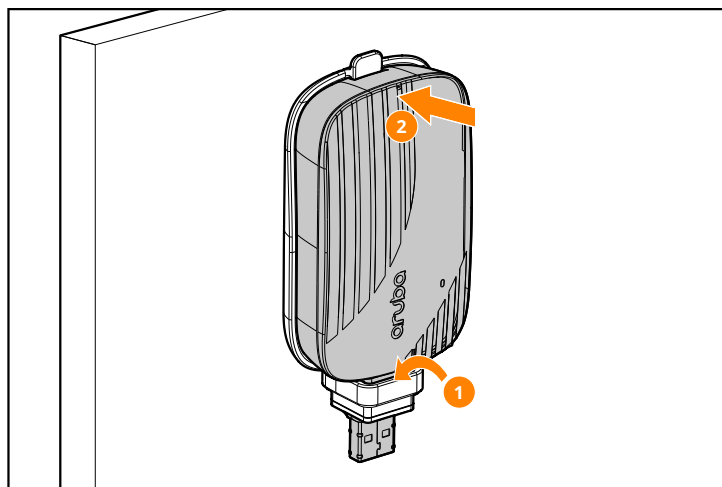
1. Install the mount bracket onto a solid wall using the screws included in the Aruba USB Extender Cable Kit.

Figure 6 *Installing bracket on wall*



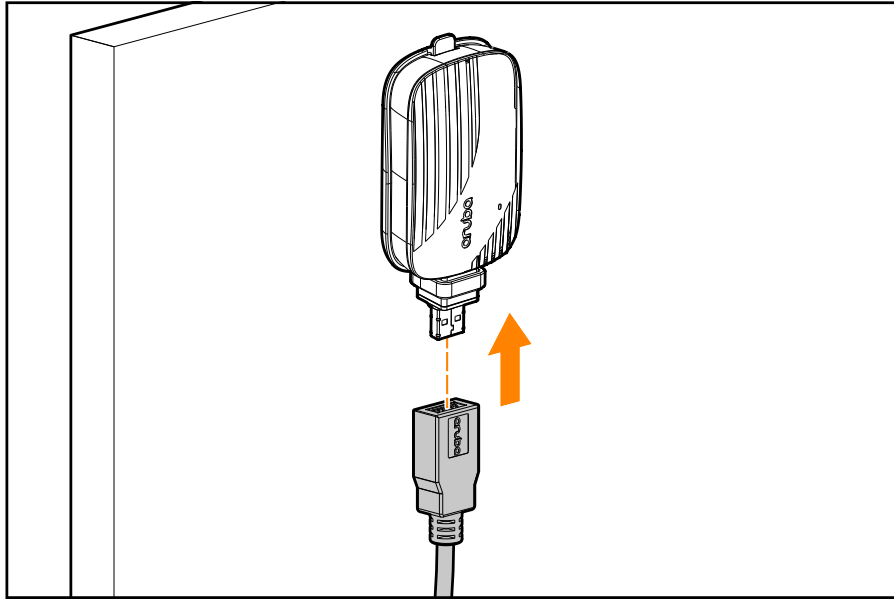
2. Attach the Aruba USB LTE modem to the bracket.

Figure 7 *Attaching the Aruba USB LTE modem to bracket*



3. Connect the 5-m USB extender cable to the Aruba USB LTE modem.

Figure 8 *Connecting extender cable to the Aruba USB LTE modem*



4. Plug the opposite end of the USB extender cable into your Access Point or Gateway.

Figure 9 *Plugging extender cable into Access Point*

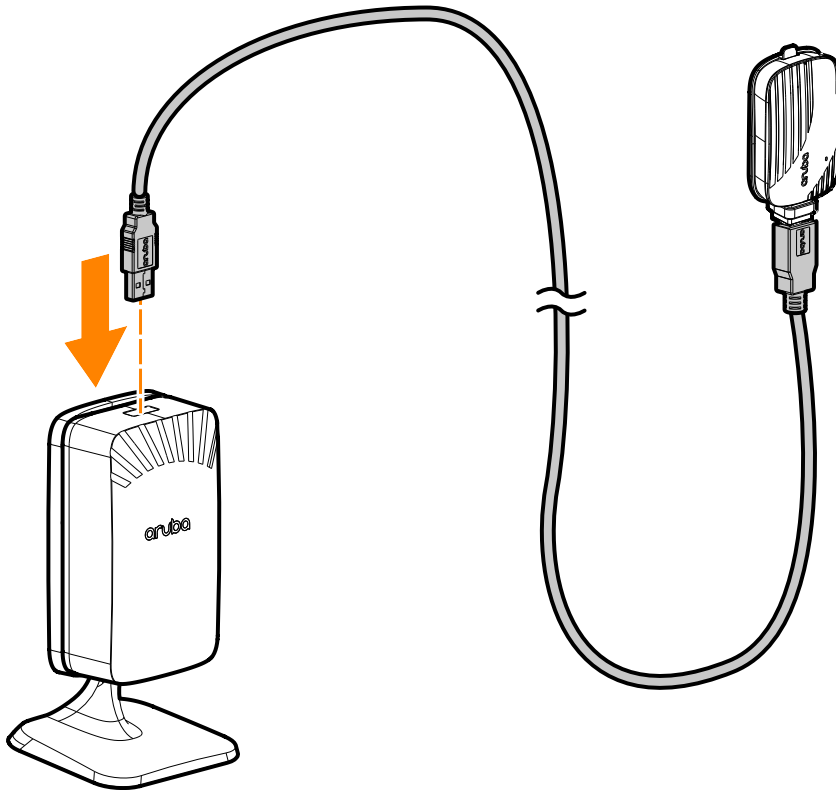
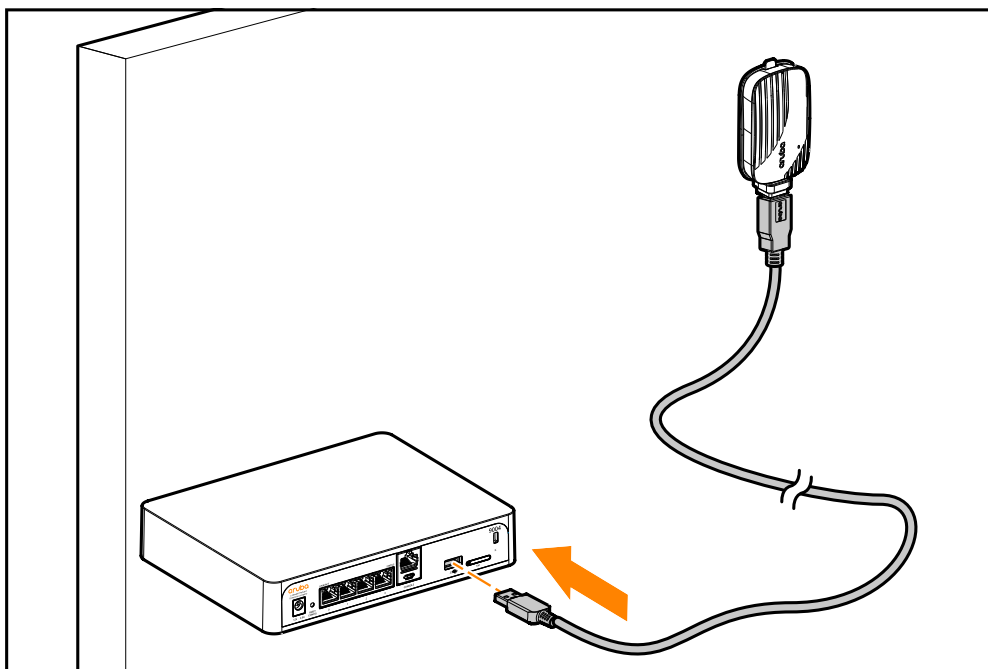


Figure 10 *Plugging extender cable into Gateway*



Safety and Regulatory Compliance

Aruba, a Hewlett Packard Enterprise company provides a multi-language document that contains country-specific restrictions and additional safety and regulatory information for all Aruba controllers. This document can be viewed or downloaded from the following location:

<http://www.arubanetworks.com/pdf/0510272-01.pdf>

Regulatory Model Number

ARMDMUSBLTE

FCC United States

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Changes or modifications to this unit not expressly approved by Aruba, a Hewlett Packard Enterprise company, can void the user's authority to operate this equipment.



RF Radiation Exposure Statement: This equipment complies with RF radiation exposure limits. This equipment should be installed and operated with a minimum distance of 7.874 inches (20cm) between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Déclaration sur les limites d'exposition aux radiofréquences : cet équipement est conforme aux limites d'exposition aux rayonnements radioélectriques spécifiées. Il doit être installé et utilisé à une distance minimale de 20 cm. Cet émetteur-récepteur ne doit pas être utilisé ou situé à proximité d'autres antennes ou émetteurs-récepteurs.

Canada

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

EU & UK Regulatory Conformity

The Declaration of Conformity made under Radio Equipment Directive 2014/53/EU as well as the United Kingdom's Radio Equipment Regulations 2017/UK is available for viewing below. Select the document that corresponds to your device's model number as it is indicated on the product label.

- [EU & UK Declaration of Conformity](#)

Japan VCCI

ご使用になっている装置に VCCI マークが付いていましたら、次の説明文をお読み下さい。

この装置は、クラス B 情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。取扱説明書に従って正しい取り扱いをして下さい。

VCCI-B

This is a Class B product. In a domestic environment this product may cause radio interference in which case the user may be required to take corrective actions.

Waste of Electrical and Electronic Equipment

Aruba products at end of life are subject to separate collection and treatment in the EU Member States, Norway, and Switzerland and therefore are marked with the symbol shown at the left (crossed-out wheelee bin). The treatment applied at end of life of these products in these countries shall comply with the applicable national laws of countries implementing Directive 2012/19/EU on Waste of Electrical and Electronic Equipment (WEEE).

India RoHS

This product complies with RoHS requirements as prescribed by E-Waste (Management & Handling) Rules, governed by the Ministry of Environment & Forests, Government of India.

Taiwan

減少電磁波影響，請妥適使用

UKCA & CE

Wireless Channel Restrictions

Radio	Frequency Range MHz	Max EIRP
WCDMA Band 1	1922.4 – 1977.6	29.50
WCDMA Band III	1712.4 – 1782.6	27.96
WCDMA Band V	826.4 – 846.6	25.88
WCDMA Band VIII	882.4 – 912.6	26.14
LTE Band 1	1922.5 – 1977.5	29.50
LTE Band 3	1710.7 – 1784.3	27.96
LTE Band 5	824.7 – 848.3	25.88
LTE Band 7	2502.5 – 2567.5	29.22
LTE Band 8	880.7 – 914.3	26.14
LTE Band 20	834.5 – 859.5	25.96
LTE Band 28	704.5 – 746.5	26.97
LTE Band 38	2572.5 – 2617.5	29.40
LTE Band 40	2302.5 – 2397.5	28.59
LTE Band 41	2498.5 – 2687.5	29.40



EU & UK Regulatory Contact:

HPE, Postfach 0001, 1122 Wien, Austria

Korea

Class B equipment

B급 기기 (가정용 방송통신기기)	이 기기는 가정용(B급)으로 전자파적합등록을 한 기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.
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México

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

El IMEI se localiza en la etiqueta del producto.

El presente producto no cuenta con la funcionalidad de marcado de VoLTE.

Morocco



Нормативные требования Евразийского Экономического Союза

Russia



HPE Russia: ООО "Хьюлетт Паккард Энтерпрайз" Российская Федерация, 125171, г. Москва, Ленинградское шоссе, 16А, стр.3, Телефон: +7 499 403 4248 Факс: +7 499 403 4677

'HPE Belarus': ИООО «Хьюлетт-Паккард Бел», Республика Беларусь, 220030, г. Минск, ул. Интернациональная, 36-1, Телефон/факс: +375 17 392 28 20

'HPE Kazakhstan': ТОО «Хьюлетт-Паккард (К)», Республика Казахстан, 050040, г. Алматы, Бостандыкский район, проспект Аль-Фараби, 77/7, Телефон/факс: + 7 727 355 35 50

Kazakhstan

ЖШС "Хьюлетт Паккард Энтерпрайз" Ресей Федерациясы, 125171, Мәскеу, Ленинград тас жолы, 16А блок 3, Телефон: +7 499 403 4248 Факс: +7 499 403 4677

«HEWLETT-PACKARD Bel» ЖШС, Беларусь Республикасы, 220030, Минск қ., Интернациональная көшесі, 36/1, Телефон/факс: +375 17 392 28 20

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China RoHS

Aruba products also comply with China environmental declaration requirements and are labeled with the “EFUP 10” label shown at the left.

有毒有害物质声明
Hazardous Materials Declaration

部件名称 (Parts)	有毒有害物质或元素 (Hazardous Substance)					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr ⁶⁺)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
电路板 (PCA Boards)	×	○	○	○	○	○
机械组件 (Mechanical Sub-Assemblies)	×	○	○	○	○	○

- ： 表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T11363-2006 标准规定的限量要求以下。
Indicates that the concentration of the hazardous substance in all homogeneous materials in the parts is below the relevant threshold of the SJ/T11363-2006 standard.
- ×： 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T11363-2006标准规定的限量要求。
Indicates that the concentration of the hazardous substance of at least one of all homogeneous materials in the parts is above the relevant threshold of the SJ/T11363-2006 standard.

对销售之日的所售产品, 本表显示, 供应链的电子信息产品可能包含这些物质。
This table shows where these substances may be found in the supply chain of electronic information products, as of the date of sale of the enclosed product.

此标志为针对所涉及产品的环保使用期标志。某些零部件会有一个不同的环保使用期 (例如, 电池单元模块) 贴在其产品上。
此环保使用期限只适用于产品是在产品手册中所规定的条件下工作。
The Environment- Friendly Use Period (EFUP) for all enclosed products and their parts are per the symbol shown here. The Environment- Friendly Use Period is valid only when the product is operated under the conditions defined in the product manual.

