

# EPXB™ Galley - ARINC 810



Radiall is very proud to announce that its new EPXB™ Galley Equipment Connector was selected as the ARINC 810 industry standard.

The ARINC 810 standardization activity was initiated for:

- Global electrical power management control of the aircraft by means of a CAN data bus connection up to the galley equipment.
- Creation of a robust and reliable standardized electrical interface between the Galley cabinet and the Galley equipment.

Galley equipment, such as ovens and coffee makers, are some of the aircraft's biggest consumers of power. Usually, the amount of electrical power generation installed on an aircraft largely depends on the amount of electrical power required by the Galley equipment. The new standardized electrical CAN bus connection allows global power control and management of the Galley equipment on the aircraft. This management system will be able to sequence galley power consumption over the entire aircraft. The ARINC 810 standard, with the EPXB™ Galley connector, will lead to overall weight savings due to reduction of electrical power generators required on an aircraft.

The new EPXB™ Galley connector was specially designed for the severe conditions required by galley equipment. A floating mechanism was developed to avoid any risk of jamming and to guarantee a fully sealed connection.

The EPXB™ is used on ovens, beverage makers, refrigerators, microwave ovens and other equipment which fit within the new standardized galley layouts.

The EPXB™ connector is modular and provides extra contact density to add new contacts such as the #8 twinax CAN data bus contact. Backshell accessories are also available.

#### Receptacle and Plug assembled kit

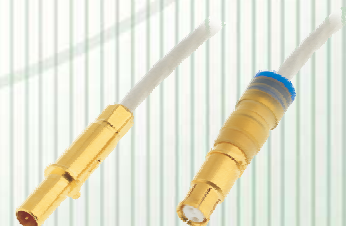
Part numbers	Description
617610188	Receptacle assembled kit (*)
617610189	Plug assembled kit (**)

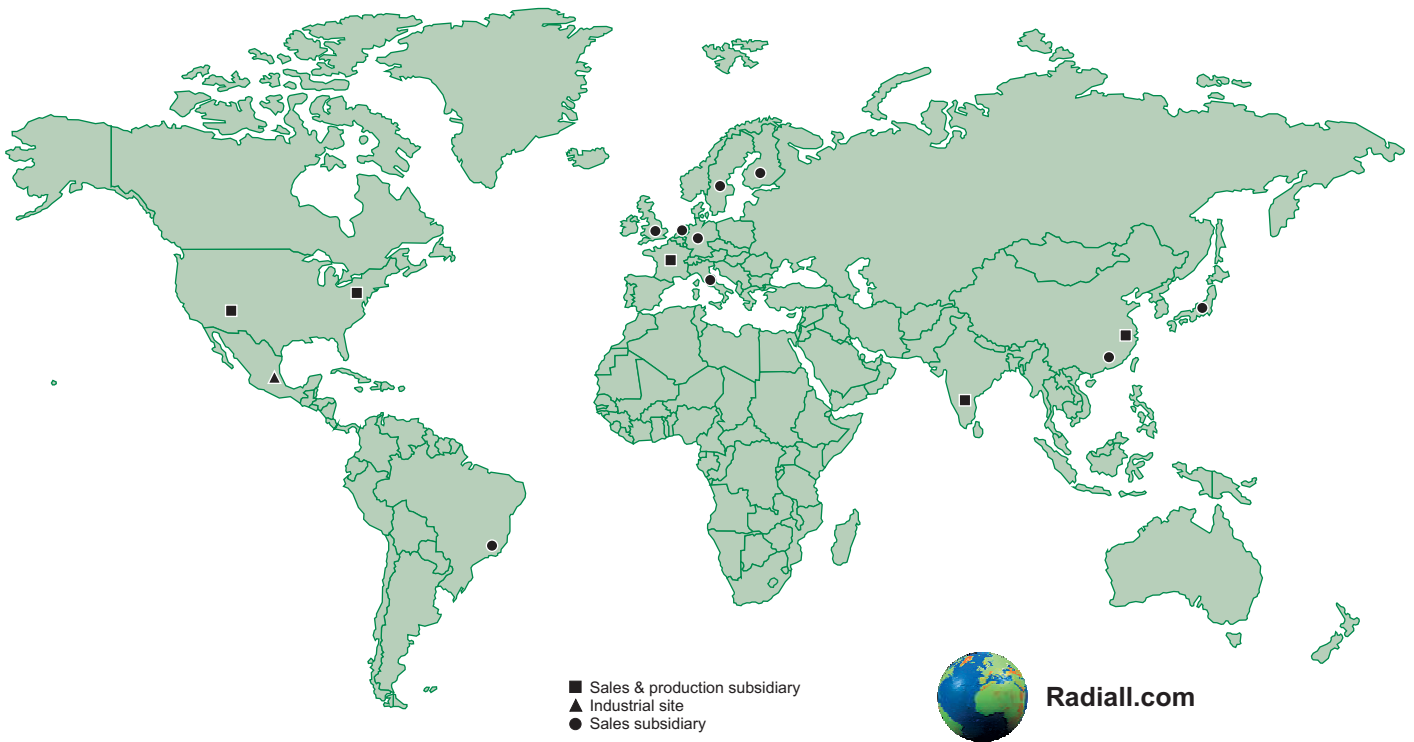
Each elements to compose a kit are indicated in the table below and can be ordered separately

Part numbers		Description	Quantity per kit
(**) Plug kit 617610189 contents	(*) Receptacle kit 617610188 contents		
617610212	617610213	Receptacle shell	1
EPXBE25Q1SA	EPXBE25Q1PA	Insert for cavity A	1
EPXBE06SB	EPXBE06PB	Insert for cavity B	1
617300 (socket)	617200 (pin)	Crimp contacts / Size 22	15
617350 (socket)	617250 (pin)	Crimp contacts / Size 12	6
616910	616910	Sealing cap	9
617922007	-	Strain relief	1

#### Optional CAN data bus contacts

Part numbers	Description
617065011	Size 8 Twinax pin contact
617165011	Size 8 Twinax socket contact





## RADIALL WORLDWIDE LOCATIONS

### EUROPE

#### France - RADIALL HEADQUARTERS

101, Rue Ph. Hoffmann - 93116 ROSNY sous BOIS (Paris)  
 Tel. : +33 1 49 35 35 35 Fax : +33 1 48 54 63 63  
 E-Mail : info@radiall.com

#### Finland - RADIALL SF

Pilot Business Park - Lentokatu 2 - FIN-00460 OULUNSAALO  
 Tel. : +358 852 70 130 Fax : +358 852 70 105  
 E-Mail : info@radiall.fi

#### Germany - RADIALL GmbH

Carl-Zeiss Str. 10 Postfach 200143 - D63307 RÖDERMARK (Frankfurt)  
 Tel. : +49 60 74 91 07 0 Fax : +49 60 74 91 07 70  
 E-Mail : infode@radiall.com  
 Regional office : Munich

#### Italy - RADIALL Elettronica SRL

Via Concordia, 5 - 20090 ASSAGO MILANO  
 Tel. : +39 02 48 85 121 Fax : +39 02 48 84 30 18  
 E-Mail : radiall@tin.it  
 Regional office : Roma

#### Netherlands - RADIALL BV

Hogebrinkerweg 15b - 3871 KM HOEVELAKEN  
 Tel. : +31 33 253 40 09 Fax : +31 33 253 45 12  
 E-Mail : infonl@radiall.com

#### Sweden - RADIALL AB

Sjöängsvägen 2 - SE-192 72 SOLLENTUNA (Stockholm)  
 Tel. : +46 844 434 10 Fax : +46 875 449 16  
 E-Mail : infose@radiall.com

#### U.K. - RADIALL Ltd

Ground Floor, 6 The Grand Union Office Park, Packet Boat Lane  
 UXBRIDGE Middlesex UB8 2GH (London)  
 Tel. : +44 1895 425 000 Fax : +44 1895 425 010

### AMERICA

#### North America

##### RADIALL

6825 West Galveston Street Suite 11  
 CHANDLER, Arizona 85226, USA  
 Tel. : +1 480 682 9400 Fax : +1 480 682 9403  
 E-Mail : info@radiallusa.com

##### AEP

104 John W. Murphy Drive  
 NEW HAVEN, Connecticut 06513  
 Tel. : +1 203 776 2813 Fax : +1 203 776 8294  
 E-Mail : aepsales@aep.us

#### Brazil

##### RADIALL do Brasil

Largo do Machado, 54 sala 706 - Catete  
 22221-020 RIO DE JANEIRO  
 Tel. : +55 21 2558 05 76 Fax : +55 21 2245 97 63  
 E-Mail : hubertm@radiall.com.br

### ASIA

#### China - SHANGHAI RADIALL Electronic Co., Ltd

N° 390 Yong He Road 200072 - SHANGHAI  
 Tel. : +86 21 66 52 37 88 Fax : +86 21 66 52 11 77  
 E-Mail : sales.rsh@radiall.com

#### Japan - NIHON RADIALL

Shibuya-ku Ebisu 1-5-2, Kougetsu Bldg 405-TOKYO 150-0013  
 Tel. : +81 3 3440 6241 Fax : +81 3 3440 6242  
 E-Mail : kunii@radiall.co.jp

#### HongKong - RADIALL Electronics Ltd

Elite Industrial Centre, Room 212, 2/F  
 N° 883 Cheung Sha Wan Road - KOWLOON HONG KONG  
 Tel. : +852 29 59 38 33 Fax : +852 29 59 26 36  
 E-Mail : contact@radiall.com.hk

#### India - RADIALL PROTECTRON pvt Ltd

25 D, II Phase, Peenya Industrial Area - BANGALORE 560058  
 Tel. : +91 80 23 72 09 89 Fax : +91 80 28 39 72 28  
 E-Mail : radiall@vsnl.com

### REPRESENTED IN

Africa	Greece	Russia	Thailand
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Belgium	Malaysia	Spain	Turkey
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**RADIALL**   
 The next connexion

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This information is intended as a guide only. To ensure a continuing policy of product improvement, Radiall reserves the right to modify its specifications without prior notification.