

Communications Expansion (PXMCE) Card

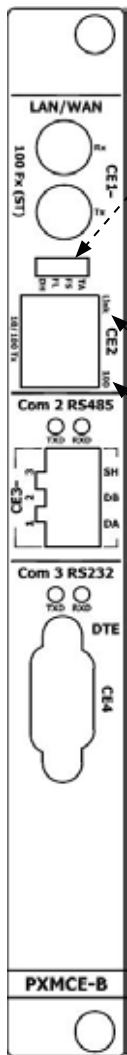
The Ethernet Port CE1 and CE2 on the PXMCE card has evolved to add Auto cable cross over capability (AMDIX) and new LED status indicators. Remaining functionality is unchanged.

Your card version can be identified by looking at the style number suffix group

Original PXMCE-B = style number 66D2102**G21**

Updated PXMCE-B = style number 66D2102**G41**

Your card's version can be checked through the web interface under the system HW page, by noting the extra LED array on the face of the module, or by reading the general assembly label for the style number if the card is removed from the meter.



A new four element LED indicator is added below the Fiber Optic connectors.

- TA – Lit for Transmit Active (CE1 or CE2).
- FS – Lit for Fiber Optic Interface Selected (via setup configuration).
- FL – Lit for Fiber Link Active.
- DH – Lit for DHCP Active Versus Fixed IP (CE1 or CE2).

The RJ45 jack has embedded LEDs as before but the functionality is different and it is not shared with the Fiber Optic port.

- Link - Green LED will Blink when it detects Rx/Tx Ethernet communication activity
- 100 – Port speed, Green LED will light at 100 base Tx or out at 10 base T.

The PXM 4/6/8K meter Firm Ware (FW) will be updated to support both the original and the updated PXMCM-1 design as a coordinated production release. If this card is transferred to a meter that originally came with the G21 card, then the meter's FW will first have to be upgraded to the latest FW version.

The PXMCM-1 style number 66D2102**G41** card is NOT compatible with the earlier PX 4/6/8K meters (No "M" in catalog numbers).

General	Triggers	Metering	Comms
<ul style="list-style-type: none"> ▶ Quick Setup ▶ Clock ▼ System ▼ Hardware 			
Com Expansion Board		PXMCE-B...	
Subassembly Name		66D2102G41...	
Part Number		004	
Revision		WA004700	
Serial Number		20160204	
Date Code		00:d0:af:07:c4:7d	
Mac Address(CE)			

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