

Cabling the UGPS Module

When using the UGPS as a synchronization source for a CMM4, a special sync cable must be used. This cable may be constructed from an RJ-11 cable using the pin configuration in [Figure 51](#). Connect this cable from one of the UGPS module’s sync ports to the Aux Sync port of the CMM4 unit.

450i Series AP/BHM to UGPS cable

The 450i Series requires a special cable to connect the AP or BHM to a UGPS module. The AP/BHM to UGPS cable can be constructed from RJ12 to RJ 45 cable using the pin configuration described in [Table 28](#).

Figure 57 AP/BHM to UGPS cable

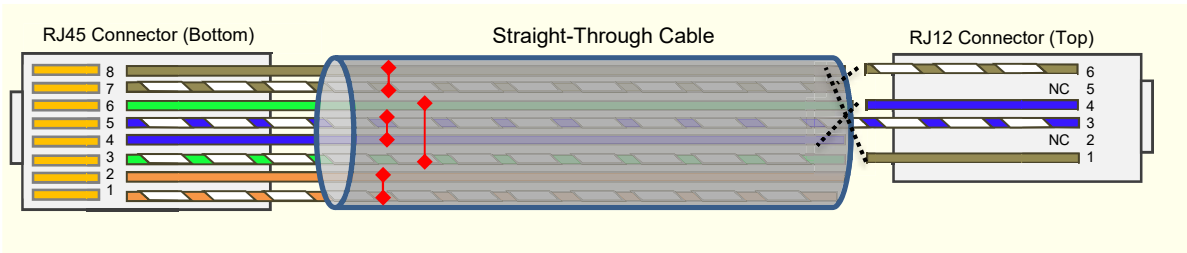
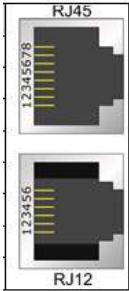


Table 28 AP/BHM to UGPS cable pinout

Pin	450i AP/BHM RJ 45 Connector	Pin	UGPS RJ 12 Connector	Connector
1	NC	1	8 on RJ 45	
2	NC	2	NC	
3	NC	3	5 on RJ 45	
4	4 on RJ 12	4	4 on RJ 45	
5	3 on RJ 12	5	NC	
6	NC	6	7 on RJ 45	
7	6 on RJ 12			
8	1 on RJ 12			

 **NOTE**

The AP/BHM will only power up the UGPS if it configured to do so.