

Modem Cables

C/X and EPC/X Cables, EIA-422 Local Cable

Digi Concentrator Systems using this cable- AccelePort C/X, AccelePort EPC/X

IBM Concentrator Systems using this cable- 128-Port Async Adapter

C/CON-8 RJ-45	- Part #76000216
C/CON-16 RJ-45	- Part #76000067
EPC/CON-16 RJ-45	- Part #76000059
C/CON-8 DB-25	- Part #76000218
C/CON-16 DB-25	- Part #76000069
EPC/CON-16 DB-25	- Part #76000060
C/CON-8-AIX RJ45	- Part #76000289
C/CON-16-AIX RJ45	- Part #76000091
C/CON-8-AIX DB25	- Part #76000287
C/CON-16-AIX DB25	- Part #76000104

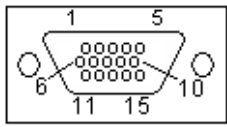
The wiring diagram for an EIA-422 Local Cable is shown in Table 1. This cable can also be purchased directly from Digi International with the following part number:

EIA-422 C/X Local Cable (New style M to F) - Part #62110120

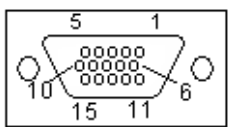
EIA-422 C/X Local Cable (Old style M to M) - Part #62020120

Table 1: RS422 Local Cable

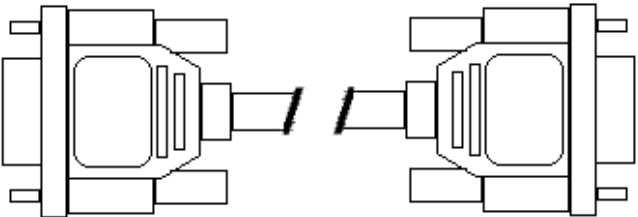
From HD15 Male	Signal	Direction	Signal	To HD15 Female
1	RxD-	←	TxD-	1
2	RxD+	←	TxD+	2
4	RxC-	←	TxC-	4
5	RxC+	←	TxC+	5
6	TxD-	→	RxD-	6
7	TxD+	→	RxD+	7
9	TxC-	→	RxC-	9
10	TxC+	→	RxC+	10
Shield	GND	↔	GND	Shield



Male HD-15



Female HD-15



Connectors not to scale

* Arrows indicate which direction the signal is flowing

NOTES:

- This cable is designed to connect a C/X or EPC/X host card with it's intended concentrator, or to daisy-chain concentrators together.
- The cable shown above can also be used for old-style C/CONs, but the gender on both ends should be Male HD-15 (pinout is the same).
- Local Cabling requires the use of Shielded Cable (STP Cat 3 or higher is fine, UTP cannot be used reliably).
- Local Cabling will not work reliably if it us run through patch panels. A direct cable running from server to concentrator is required.
- This cable is limited to a length of 1000 feet.
