



19 conductor cable connects with D0

19 conductor cable connects with C4

**Notes:**

- A) B0 CDF: 10 RG-213 conductors connect a separate repeater at B0 with a repeater at CDF 2nd floor control room. The repeaters support TCLK, PIOX, PIOR, BTR, MRBS, TVBS and MDAT(G) via RF links. The other cables are for SVX Abort, Ethernet and CDF Sys. Trip.
- B) A3 CHL: One 7 conductor 3/8" Helix connects a separate repeater at A3 with a repeater at CHL 2nd floor control room. The repeaters support TCLK, PIOX, PIOR and BTR via RF links. The other cables are for Ethernet and two spares. A second 7 conductor 3/8" Helix is used for two Tank Farm, TVA, TVB and three spares.
- C) E4R: 6 RG-213 conductors connect E4 with the E4R complex. F0 connects with E4 via 19c and then a repeater at E4R. This supports PIOX, PIOR, BTR and TCLK via RF link. The other two cables from E4 are for Ethernet and for Cryo.
- D) E0 portacamp: 8 conductor RG-213 connects E0 with the portacamp complex. (not currently in use)
- E) D0 CDF: 10 RG-213 conductors connect with the 1st floor control room. These support TCLK, PIOX, PIOR, BTR, MRBS and TVBS via DC links. The other cables are for TVBS-F(TTL) and TVBS-F(RF) which are a special extension of a Valari fiber link and for two spares. APTVBS and MDAT(G) can be supported as needed.

These assignments are routinely changed by Terry Hendricks as needed.

**Symbol Legend:**

- : Repeater Module
- M1: "Ducar" Mod. W/ lowest RF Freq.
- M2: "Ducar" Mod. W/ 50 Mhz Freq.
- ←: Signal Flow Direction

ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY. REQ.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		ORIGINATOR	Terry Hendricks
7/25/97		DRAWN	Terry Hendricks
1/27/98		LAST REVISED	Terry Hendricks
1/12/01		APPROVED	
		USED ON	
		MATERIAL-	
FERMI NATIONAL ACCELERATOR LABORATORY UNITED STATES DEPARTMENT OF ENERGY			
<b>Copper Cable Around Tevatron Assignments Summary</b>			
SCALE	DRAWING NUMBER		REV.
	\\ATLAS/D:/Doc/Tev/Links/copper/tevcu.vlm		<b>F</b>