

- 1a. Data Acquisition Cable Assy: (Black Box Assy, CBPS 51737) 42 each
  - 1 12 Pair 24 AWG shielded cable (Belden type 9734 computer cable)
  - 2 Connectors: AMP DB25 connector with metal shell, one end pins the other sockets
  - 3 Signal: DC to 1.25MHz. (a detector electronics signal with a 280nSec rise time)
  - 4 Length: 50 feet
- 1b. Data Acquisition Cable Assy: (Black Box Assy, CBPS 51737) 42 each
  - 1 12 Pair 24 AWG shielded cable (Belden type 9734 computer cable)
  - 2 Connectors: AMP DB25 connector with metal shell, both ends sockets
  - 3 Signal: DC to 1.25MHz. (a detector electronics signal with a 280nSec rise time)
  - 4 Length: 50 feet
- 1c. 48 Connectors: (Spectrum 56-725-002) mounted on 24 inch by 12 inch brass plate in turn mounted in wall of RF enclosure. Pins of connectors inside RF enclosure, sockets outside
- 2a. DC Power Cable Assy: 4 each
  - 1 6 conductors of 8 AWG (Belden 9908, 84 #27 Tinned CU, Nom PVC Insulation)
  - 2 Connectors: Amphenol Model #'s: 97-3102A-24-10xx, 97-3101A-24-10xx
  - 3 DC voltages: +15V (1A), +15V (15A), -15V (15A)
  - 4 Length: 25 feet or 35 feet, dependent upon power supply rack location
- 2b. DC Power Cable Assy: 4 each
  - 1 6 conductors of 8 AWG (Belden 9908, 84 #27 Tinned CU, Nom PVC Insulation)
  - 2 Connectors: Amphenol Model #'s: 97-3102A-24-10xx, 97-3101A-24-10xx
  - 3 DC voltages: +5V (3A), +15V (15A), -15V (15A)
  - 4 Length: 25 feet or 35 feet, dependent upon power supply rack location
3. DC Voltage/Sense & Current Monitor Cable: 4 each
  - 1 18 Pair 24 AWG shielded cable (Belden type 8118)
  - 2 Connectors: 8 amp type 205168-1, DB37 connector with metal shield
  - 3 DC sense voltages of 5, +15, -15, and current monitoring signals of </= +150mV
  - 4 Length: 25 feet or 35 feet, dependent upon power supply rack location
4. Detector Cable Assy: (Black Box Assy, CBCC31212) 42 each
  - 1 25 pair 24 AWG shielded cable (Belden 9995 Low voltage computer cable)
  - 2 Connectors: AMP DB50 connector with metal shell
  - 3a. Detector output: DC to 3.5MHz.  Integrated spike with rise time </= 100nSec
  - 3b. Detector input: DC bias of +/-5V
  - 4 Length: 3 feet
5. Same as 1 above except 3 feet length 42 each
6. Same as 2a & 2b above except 3 feet length 4 each
7. Same as 3 above except 3 feet length 4 each
8. Computer to GPIB Interface Cable:
  - 1 Cable E57891 Type CLZ (Black Box EXND2MIEEE-488 Cable) 1C/24AWG & 22C/26 AWG
  - 2 Connectors: AMP TYPE IEEE-488
  - 3 Signal: Data & Address Pulses
  - 4 Length: 10 feet
9. GPIB Interface to FE Crates and DAQ Crates:
  - 1 Cable Belden T9M28364 Mass Term Cable, E34972 64C28 Shielded
  - 2 Connectors: Panduit 120-964-455
  - 3 Signal: Data & Address Pulses
  - 4 Length: 6 feet
10. Fibre Optic Cable:
  - 1
  - 2 Signal: Data & Address Pulses
  - 4 Length: 50 feet
11. Stripline Cable:
  - 1
  - 2
  - 3a. Detector output: DC to 3.5MHz.  Integrated spike with rise time </= 100nSec
  - 3b. Detector input: DC bias of +/-5V
  - 4 Length: 10 feet
12. Muon Veto Cables - Signal:
  - 1 Cable: RG58
  - 2 Connectors: BNC
  - 3 Signal: 35V, 100nSec pulse
  - 4 Length: 80 feet
13. Muon Veto Cables - High voltage:
  - 1 Cable: RG59
  - 2 Connectors: SHV
  - 3 Signal: <2500VDC, <2mA
  - 4 Length: 80 feet