

Cables and Connectors

Cablotheque_LHC4G-LS13_12-06-14.xlsx

- The information is extracted from the excel file given above

BI CABLES: SPLIT BY DCUM AND CONNECTOR TYPE

| # | Cable | | | At Rack | | At BGV | | Status | |
|-----|-------------------------------|------------|--------|-----------------|-----------|--------------|-----------|--------|-----------|
| | Purpose | Qty. | Type | End Point | Connector | End Point | Connector | Cable | Connector |
| 1 | SCIFI TEMP. READOUT | 10 | *MAB34 | 6U+2M @ BY14 | FCLIENT | 9773.666 + 7 | FCLIENT | | |
| 2 | MULTI PURPOSE | 5 | VA8D | 6U @ BY13 | B | 9773.666 + 7 | B | | |
| 1 | HV | 3 | CBH50 | 6U @ BY13 | 1HVPF | 9773.666 + 7 | 1HVPF | | |
| 1.1 | HV | 3 | CBH50 | 6U @ BY13 | 1HVPF | 9777.172 + 2 | 1HVPF | | |
| 2 | SIGNAL | 4 | CK50 | 6U @ BY13 | 1N50PMI | 9773.666 + 7 | 1N50PMI | | |
| 2.1 | SIGNAL | 2 | CB50 | 6U @ BY13 | 1B50PMB | 9773.666 + 7 | 1B50PMB | | |
| 3 | ANALOG LINKS | 18 | *MCB32 | 22U @ BY14 | X | 9773.666 + 7 | X | | |
| 3.1 | ANALOG LINKS | 18 | *MCB32 | 22U @ BY14 | X | 9777.172 + 2 | X | | |
| 4 | FE ELECTRONICS LOW VOLTAGE | 9 | *NG28 | 1U+2M @ BY14 | X | 9773.666 + 7 | X | | |
| 5 | LOW VOLTAGE SENSE | 3 | *MCA26 | 1U+2M @ BY14 | X | 9773.666 + 7 | X | | |
| 6 | SIPM BIAS VOLTAGE | 3 | *SHT56 | 1U+2M @ BY14 | X | 9773.666 + 7 | X | | |
| 7 | CONTROL SIGNALS PART 1 | 5 | *MCB36 | @ BJBGV.B7L4 | X | 9773.666 + 7 | X | | |
| 7.2 | CONTROL SIGNALS PART 1 | 4 | *MCB36 | @ BJBGV.F7L4 | X | 9777.172 + 2 | X | | |
| 8 | CONTROL SIGNALS PART 2 | 9 | *MCB36 | 22U @ BY14 | X | + 2 | X | | |
| 8.3 | SIGNAL | 4 | CK50 | 6U @ BY13 | 1N50PMI | 9777.172 + 2 | 1N50PMI | | |
| 8.4 | SIGNAL | 2 | CB50 | 6U @ BY13 | 1B50PMB | 9777.172 + 2 | 1B50PMB | | |
| 9 | GAS TANK TEMP/COOLING | 4 | NE26 | 1U @ BY12 | 28BPMB | 9773.666 + 7 | 28BPMB | | |
| | TOTAL | 110 | | | | | | | |

BI CABLES: NOT SPLIT BY DCUM AND CONNECTOR TYPE

| # | Cable | | | At Rack | | At BGV | | Status | |
|----|-------------------------------|------------|--------|-----------------|-----------|--------------|-----------|--------|-----------|
| | Purpose | Qty. | Type | End Point | Connector | End Point | Connector | Cable | Connector |
| N1 | SCIFI TEMP. READOUT | 10 | *MAB34 | 6U+2M @ BY14 | FCLIENT | 9773.666 + 7 | FCLIENT | | |
| N2 | MULTI PURPOSE | 5 | VA8D | 6U @ BY13 | B | 9773.666 + 7 | B | | |
| 1 | HV | 6 | CBH50 | 6U @ BY13 | 1HVPF | 9773.666 + 7 | 1HVPF | | |
| 2 | SIGNAL | 12 | CK50 | 6U @ BY13 | 1N50PMI | 9773.666 + 7 | 1N50PMI | | |
| 3 | ANALOG LINKS | 36 | *MCB32 | 22U @ BY14 | X | 9773.666 + 7 | X | | |
| 4 | FE ELECTRONICS LOW VOLTAGE | 9 | *NG28 | 1U+2M @ BY14 | X | 9773.666 + 7 | X | | |
| 5 | LOW VOLTAGE SENSE | 3 | *MCA26 | 1U+2M @ BY14 | X | 9773.666 + 7 | X | | |
| 6 | SIPM BIAS VOLTAGE | 3 | *SHT56 | 1U+2M @ BY14 | X | 9773.666 + 7 | X | | |
| 7 | CONTROL SIGNALS PART 1 | 9 | *MCB36 | @ BJBGV.A7L4 | X | 9773.666 + 7 | X | | |
| 8 | CONTROL SIGNALS PART 2 | 9 | *MCB36 | 22U @ BY14 | X | + 2 | X | | |
| 9 | GAS TANK TEMP/COOLING | 4 | NE26 | 1U @ BY12 | 28BPMB | 9773.666 + 7 | 28BPMB | | |
| | TOTAL | 106 | | | | | | | |

VSC CABLES

| # | Cable | | | At Rack | | At BGV | | Status | |
|-----|--------------------------------|-----------|------|--------------|-----------|------------|-----------|--------|-----------|
| | Purpose | Qty. | Type | End Point | Connector | End Point | Connector | Cable | Connector |
| 1 | SECTOR VALVE | 1 | NF12 | 6U @ VY12 | 12BPFB | 9795.0 + 2 | 12BPMB | | |
| 1.1 | SECTOR VALVE | 1 | NF12 | 6U @ VY12 | 12BPFB | 9765.0 + 2 | 12BPMB | | |
| 2 | ION PUMP | 2 | SVA3 | 6U @ VY05 | 5SCPMB | 9795.0 + 2 | 5SCPMB | | |
| 2.1 | ION PUMP | 2 | SVA3 | 6U @ VY05 | 5SCPMB | 9765.0 + 2 | 5SCPMB | | |
| 3 | PENNING GAUGE | 2 | TFA3 | 6U @ VY05 | 1LTRPM | 9795.0 + 2 | 1LTRPM | | |
| 3.1 | PENNING GAUGE | 2 | TFA3 | 6U @ VY05 | 1LTRPM | 9765.0 + 2 | 1LTRPM | | |
| 3.2 | ION PUMP | 1 | SVA3 | 6U @ VY05 | 5SCPMB | 9770.0 + 2 | 5SCPMB | | |
| 3.3 | ION PUMP | 1 | SVA3 | 6U @ VY05 | 5SCPMB | 9772.0 + 2 | 5SCPMB | | |
| 3.4 | ION PUMP | 1 | SVA3 | 6U @ VY05 | 5SCPMB | 9778.0 + 2 | 5SCPMB | | |
| 3.5 | ION PUMP | 1 | SVA3 | 6U @ VY05 | 5SCPMB | 9780.0 + 2 | 5SCPMB | | |
| 4 | PIRANI GAUGE | 1 | NG4 | 6U @ VY05 | 4BPMB | 9795.0 + 2 | 4BPMB | | |
| 4.1 | PIRANI GAUGE | 1 | NG4 | 6U @ VY05 | 4BPMB | 9765.0 + 2 | 4BPMB | | |
| 5 | ION GAUGE | 1 | NF12 | 6U @ VY05 | 12BPMB | 9775.0 + 2 | 12BPFB | | |
| 5.1 | ION GAUGE | 1 | TCA3 | 6U @ VY05 | 1T50PMA | 9775.0 + 2 | 1T50PMA | | |
| 5.2 | PIRANI GAUGE | 1 | NG4 | 6U @ VY05 | 4BPMB | 9809.0 + 2 | 4BPMB | | |
| 5.3 | PIRANI GAUGE | 1 | NG4 | 6U @ VY05 | 4BPMB | 9758.0 + 2 | 4BPMB | | |
| 5.4 | ION GAUGE | 1 | NF12 | 6U @ VY05 | 12BPMB | 9758.0 + 2 | 12BPFB | | |
| 5.5 | ION GAUGE | 1 | TCA3 | 6U @ VY05 | 1T50PMA | 9758.0 + 2 | 1T50PMA | | |
| 6 | PG REMOTE CONTROL 1 | 1 | NE48 | 6U @ VY20 | 48BPMB | 9775.0 + 2 | 48BPFB | | |
| 7 | PG REMOTE CONTROL 2 (BGV) | 1 | NE48 | 6U @ VY20 | 48BPMB | 9775.0 + 2 | 48BPFB | | |
| 8 | PG TMP CONTROL | 1 | NG18 | 6U @ VY20 | 19BPMB | 9775.0 + 2 | 19BPFB | | |
| 9 | PG TMP POWER SUPPLY | 1 | NF12 | 6U @ VY20 | 12BPFB | 9775.0 + 2 | 12BPMB | | |
| 9.1 | PENNING GAUGE | 2 | TFA3 | 6U @ VY20 | 1LTRPM | 9775.0 + 2 | 1LTRPM | | |
| 9.2 | PIRANI GAUGE | 1 | NG4 | 6U @ VY20 | 4BPMB | 9775.0 + 2 | 4BPMB | | |
| 10 | INJ. LINE PIRANI GAUGE | 1 | NG4 | 6U @ VY20 | 4BPMB | 9775.0 + 2 | 4BPMB | | |
| 11 | INJ. LINE VANNE D'ISOLATION | 1 | NF12 | 6U @ VY20 | 12BPMB | 9775.0 + 2 | 12BPFB | | |
| 12 | BGV FULL RANGE GAUGE 1 | 1 | MCA8 | 6U @ VY20 | 8BPMB | 9775.0 + 2 | 8BPFB | | |
| 13 | BGV FULL RANGE GAUGE 2 | 1 | MCA8 | 6U @ VY20 | 8BPMB | 9775.0 + 2 | 8BPFB | | |
| | TOTAL | 33 | | | | | | | |