RESISTANCE CONDUCTOR TEST

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| SN | Circuit Route[FROM] | Circuit Route[TO] | Measured Voltage (V, L-N)[FROM] | Measured Voltage (V, L-N)[TO] | Nominal Circuit Voltage (V AC) | Type of Installation Supply System | Purpose of Supply | Cable Length (m) | Conductor Type | Insulation Type | Calculated Voltage Drop (V) | Voltage Drop % | Result | Result |
| 1 | Main ACB | Light | 220 | 215 | 230 | Public | Lighting | 160 | Cu | PVC | 5 | 2.27 | Fail | Fail |
| 2 | Main ACB | Computer Station | 225 | 201 | 230 | Private | Other | 80 | Al | XLPE | 24 | 10.67 | Fail | Fail |



