

Dummy Module Resistance Measurements. Steve McMahon. Wednesday, July 31, 2002

Here we present the resistance values of the dummy modules measured as they were mounted on to barrel sector prototype in configuration 1. The values are shown with their position on the BSP in the associated MS Excel file.

The resistance is determined by a narrow (~5mm) band of Nichrome printed on to the surface of the Alumina dummy. The difference in the values is probably due to the positioning of the dummy module in the furnace used to deposit the Nichrome.

The mean value is 111.4 Ohms. The standard deviation is 16.8 Ohms which represents a 15% variation in measured value. The values were measured with a DVM via the tab connectors.