

GEM80 - GEMTEQ I/O

MTBF DATA

It is still early in the lifecycle of GEMTEQ I/O for large amounts of data to be available. However, as at February 2007, the field data indicates:

Total installed running hours 1,671,792

Total site returns to factory 6 units

Therefore average MTBF = $1,671,792/6 = 278,632$ hours per module

The data for input modules differs and as to be expected the input modules have a higher MTBF than the output.

Based on field data, for example:

9730-4012 input 400,776 hours

9735-4012 output 132,472 hours

For some modules such as the 9733, 9736 etc, there is not a big enough installed base to give accurate data.

Average Figures

For the purpose of systems calculations it can be taken that:

Input Module 400,000 hours average MTBF

Output Module 130,000 hours average MTBF

Mark Woods
Manager
Converteam Kidsgrove

February 2007