

October 02, 2019

**ENV-00262 Rev A  
MTBF Declaration**

To Whom It May Concern:

A calculation was performed using a predictive method per Telcordia SR332 Issue 2.

<b>Product:</b> E210				
<b>Environment:</b> Ground Benign, Controlled				
<b>Temperature:</b>	-20 °C	30 °C	60 °C	85 °C
<b>Failure Rate (FIT):</b>	0.19	0.70	2.81	9.17
<b>MTBF:</b>	5000000 hours (570.77 years)	1000000 hours (114.16 years)	355827 hours (40.62 years)	109019 hours (12.45 years)

**Definitions**

**Failure Rate (FIT):** Failures per billion hours. The total number of failures within an item population per the total number of life units expended by that population during a measurement interval under stated conditions.

**Failure:** The events, or inoperable state, in which any item or part of an item does not, or would not, perform as specified.

**MTBF:** Mean time between failures. This is an average value of time between successive outages of the system.



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