

April 2016

### GOLD TWITTER Ethercat Option MTBF

*\*The calculations were done according to MIL-STD-217F.*

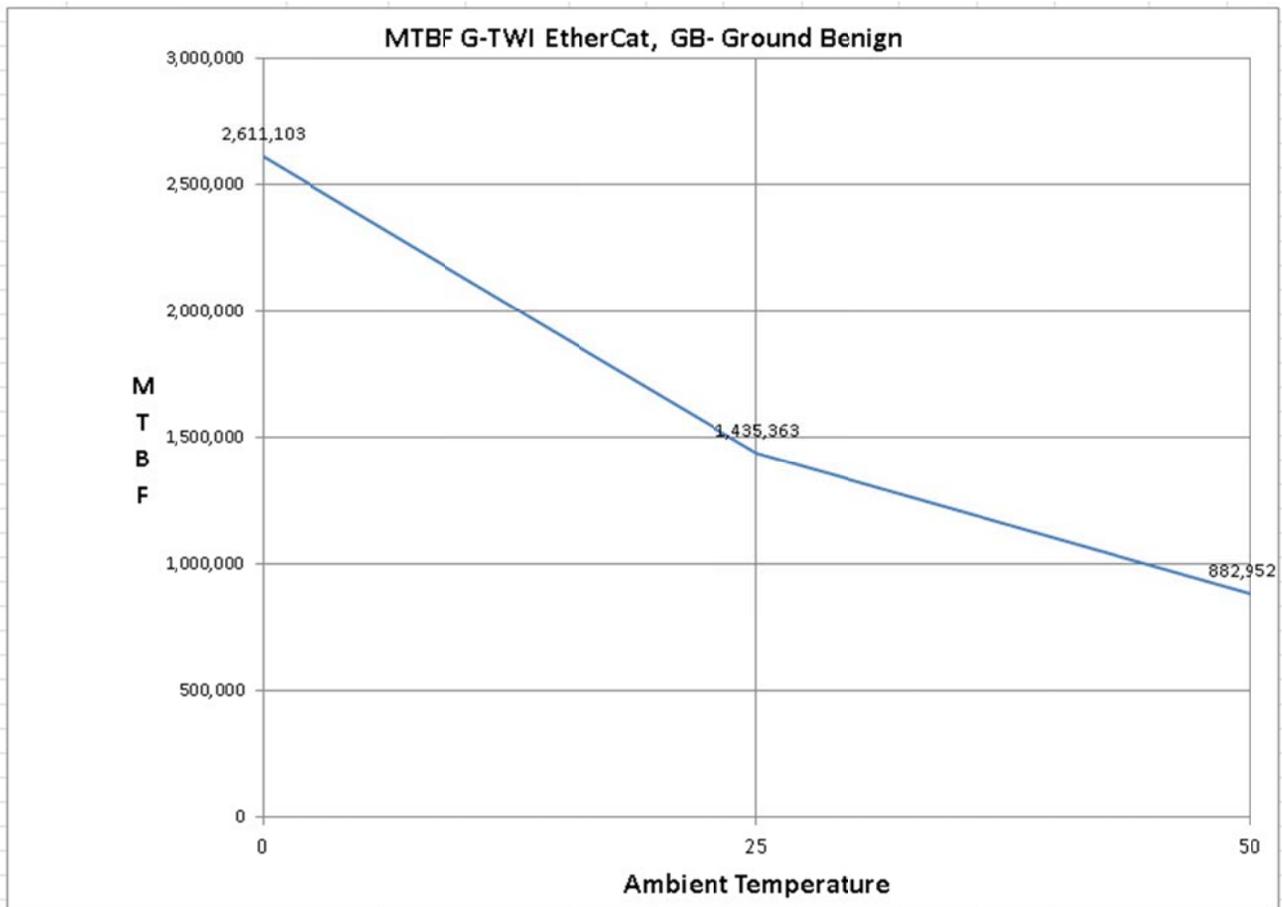
Product: GOLD-TWI, Ethercat Option

Products designated: G-TWIXX/YYYYE\_(EtherCat option)

All the GOLD TWI rated XX (current rating) and the YYY (voltage rating) have the same MTBF as they were designed for similar environmental stress.

Environmental conditions: Ground Benign, GB

Nonmobile, temperature and humidity controlled environments readily accessible to maintenance; includes laboratory instruments and test equipment, medical electronic equipment, business scientific computer complexes, and missiles and support equipment in ground silos

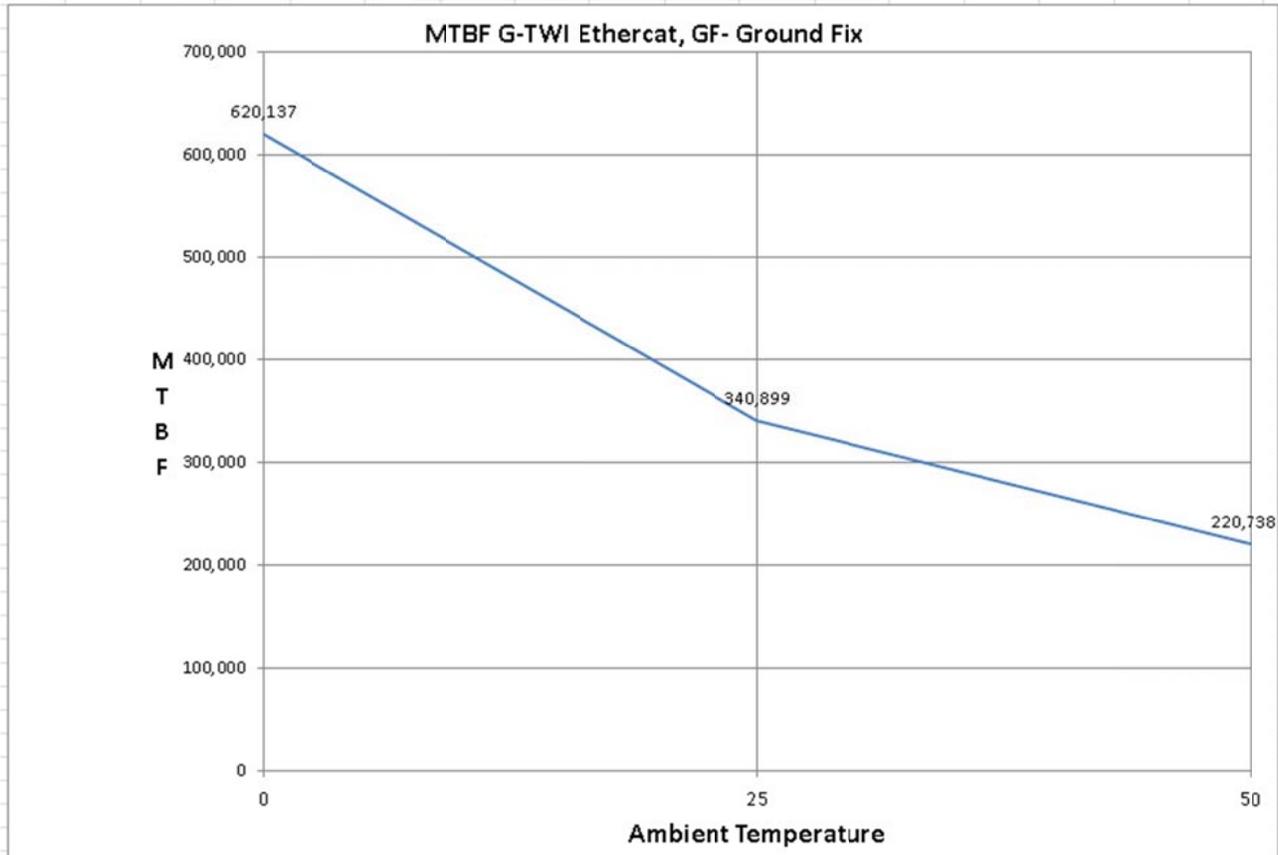


Environmental conditions: Ground Fix, GF

Definition of GF:

Moderately controlled environments such as installation in permanent racks with adequate cooling air and possible installation in unheated building; includes permanent installation of air traffic control radar and communications facilities

***MTBF calculated in GF environment***



Environmental conditions: Ground, Mobile, GM

Definition:

Equipment installed on wheeled or tracked vehicles and equipment manually transported; includes tactical missile ground support equipment, mobile communications equipment, tactical fire direction Systems, handheld communications equipment, laser designations and range finders.

