

RDC RUGGED DISK CARTRIDGES

Reliable in the Extreme

**MYMILTOPE**

The rugged disk cartridge is field proven in "on-the-move" operations in tracked and wheeled vehicles, as well as airborne and shipboard applications. This is truly designed for extreme environmental applications. My Miltope!

RDC Features and Functions:

- Hard Drive with Superior reliability – sealed, inert gas environment and optimum thermal management
- Design allows upgrades to larger capacity drives as they become available
- Embedded fibre channel controller
- Programmable auto-write and ready reallocation of data
- Advanced error-correction code



SPECIFICATIONS

DIMENSIONS:

4.74"W x 1.87"H x 7.5"D

WEIGHT:

3.7 lbs.

INTERFACE:

ANSI X3.230 – 1994 FC-PH

ANSI X3.272 – 1996 FC-AL

ANSI X3.131 – 1994 SCSI-2

ANSI X3.269 – 1996 FCP

TEMPERATURE:

Operating: (Normal) 0°C to +55°C

(Extended) -40°C to +55°C

Storage: -57°C to +71°C

SHOCK:

Operating: 60g, 2 ms 1/2 sine

Non-Operating: 200g, 2 ms 1/2 sine

ALTITUDE:

Operating: -1,000 to 30,000 ft.

Non-Operating: -1,000 to 70,000 ft.

HUMIDITY:

Up to 100%

MTBF:

Ground Fixed: 215,000 hours minimum

CAPACITY (MAXIMUM):

300 GB

SEEK TIME:

Track-to-Track: 0.4 ms

Average Random: 4 ms

Maximum: 7.4 ms

ROTATION LATENCY:

Maximum: 4.0 ms (1500 RPM)

START TIME:

At Normal Temp.: 20 sec. typical

At Temp. Extreme: 30 min. maximum

STOP TIME:

30 sec. maximum

DATA TRANSFER SPEED:

Fibre Channel: Up to 1 Gbits/sec