

DCA Protection & Care

TOC

ESD/EOS - #1 failure mechanism:

- ALWAYS apply good **ESD safety practices**
- **Turn off** all power supplies, **discharge** even small capacitors, coax cables

OVER-TORQUE - #2 failure mechanism:

- 1.85 / 2.4 mm connectors: **0.57 nm** (5 lbs-in) – use torque wrench 8710-1582
- 3.5 mm connectors: **0.9 nm** (8 lbs-in) – use torque wrench 8710-1765
- Bulkheads: **0.9 nm** (8 lbs-in) – use torque wrench 8710-1764



Qty 2 N9355CK01

OPTICAL SPIKE - #3 failure mechanism:

- Optical amplifiers send out a destructive optical power spike if they are turned on improperly.
Idling EDFAs are a big pool of energy waiting for just a few photons to release it!
- Always turn on the **signal first, then the optical amplifier**.
Or use a variable optical attenuator (> 40 dB) or shutter

GENERAL:

- When finished **re-install all caps, adapters and input/connector protection**.
- Use a **front cover** during transportation
- Use N9355CK01 DC coupled **limiters** on TDR or electrical channels
- Return **mouse and keyboard!** We spend too much each year buying replacements



N1000-40008 fits DCA-X

