

Clause 202.10.3

202.10.3 MDI fault tolerance

The coaxial cable interface of the MDI shall, under all operating conditions, withstand without damage the application of short circuits of the center conductor to the shield, ground potential or positive voltages of up to 50 V dc with the source current limited to 150 mA, as per Table 202-x, for an indefinite period of time. Normal operation shall resume after the short circuit(s) is (are) removed.

The wire pair of the MDI shall also withstand without damage high-voltage transient noises and ESD per application requirements.

Table 202-x – Connection fault

Center Conductor	Shield
No fault	Ground
MDI+	Ground
Ground	Ground
+50 V dc	Ground