DSX-220 Noise Filter

DSX-220 Card Reader Cable Noise Filter

Card Reader Cable Noise Filter / Signal Booster. This module can be used to clean up dirty pairs of Elevator Travel Cable or to extend the distance between a reader and a controller.

**Size**
220TX 7.5"W x 2"H x 1.5"D
220RX 4"W x 2"H x .5"D

**Power Requirements**
220TX - 12V 40VA XFMR – installed and powered at Cab
220RX - 13.5VDC @ 210ma – installs and is powered at controller

**DSX-220 Card Reader Cable Noise Filter Application**
DSX-220 Typical Connections

1042 Side A

DSX-220 RX
(Mount near Panel)

DSX-220 TX (Mount near Reader)

12VAC 40VA Source (Mount near DSX-220TX)

Installation Recommendations

- Consult with Elevator Installation Crew for cable pairs and locations.
- Cable Type: Pairs on the outer core of Travel Cable are recommended. Use 24 Gauge Travel Cable. Insulate from BJC-220TX to the Reader within the Elevator cab. Use avoid using Travel Cable to connect 220 modules to each other.
- Shielding: The shield on the cable between the BJC-220TX and BJC-220RX should be grounded.

Wire connector Q2 & Q4 on TBJ See chart regarding Wiring Requirements

Note: If shielded Travel Cable is used, it must be earth grounded separately.