

VDV Error Screens



SHORT: Indicated by dashes.

What it means:

2 or more conductors have exposed copper areas touching and are making electrical contact.

Common causes:

Nail or staple pierced part of cable.
Stripping of individual conductors before inserting into plug.
2 conductors in 1 jack or plug slot.
Copper debris in jack or plug.



OPEN: Indicated by blanks.

What it means:

No continuity from one end to the other end.

Common causes:

Conductors may have been cut, but not shorted.
Conductors not fully seated in plug or jack IDC.
Stripping of individual conductors before inserting into plug or jack.
Unterminated far end of cable.
Loose wires in plug or jack.
Jack contacts may be damaged or bent.



MISWIRE: or reverse. Indicated

by a two or more different pin numbers below the top number.

What it means: Conductors are in wrong order.

Common causes:

Not following 568A or B wiring.
Mixing A and B wiring incorrectly.
Wires in plug or jack inserted into wrong contact spot.



SPLIT PAIR: Indicated by having the pairs that are split flash on and off on the LCD with the Split icon lit.

What it means: Wiring looks correct (1-8), but the wire pairs used for each position are paired incorrectly. This increases crosstalk and can cause ethernet data packets to be delayed or dropped, resulting in slower or no connections.

Common causes: Installing cables in color order instead of 568A or B scheme.

Not following color coding on jacks.



3 errors shown: open, short, and reverse/miswire.

Only pair 4&5 was terminated properly