



INFORMATION

Subject: EZ-RJ45 Non LAN Usage Issues

Models: EZ-RJ45

Please be advised we do not recommend the use of EZ-RJ45 connectors with our HDBaseT or Video over IP solutions. EZ-RJ45 plugs feature the conductors feeding through the connector and then the crimp tool cuts off the wire ends.

The reason for this technical bulletin is EZ-RJ45 connectors introduce failure points in the connectivity solution. The RJ45 receptacles present in many non-LAN devices do not have the clearance on the back of the receptacle that a LAN device such as a patch panel or keystone jack has. This lower clearance threshold allows the exposed copper at the front of the EZ-RJ45 to short out against the frame of the device or, if the wires were not cut off clean, the residual pieces of insulation and copper prevent seating of the connector.

EZ-RJ45's are excellent for pure LAN solutions where the components are ANSI/TIA-568 compliant. However we do not suggest these connectors for use in A/V equipment RJ45 ports. We will require the replacement of EZ-RJ45 connectors before we can provide support for troubleshooting equipment issues

Liberty offers many styles of non EZ-RJ45 connectors for A/V equipment purposes. Please call your representative to choose the right connector for your solution.