

MDI

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CommScope

Supporters

- Kamal Dalmia, Aquantia
- Paul Langner, Aquantia
- George Zimmerman, CME Consulting
- Peter Wu, Marvell
- Paul Kish, Belden
- Jeff Poulsen, Leviton
- Bob Wagner, Panduit
- Anna An, Foxconn
- Vineet Salunke, Cisco
- Chris DiMinico, MC Communications
- Dave Chalupsky, Intel
- Shadi AbuGhazaleh, Hubbell
- James Malkemus, General Cable
- Andy Jimenez, Anixter
- Dave Hess, Cord Data

The RJ-45 – What to Love

- The advantages of the RJ-45 as an MDI have been documented
 - http://www.ieee802.org/3/bq/public/jul13/larsen_3bq_03a_0713.pdf.
Review:
 - Complete interoperability with lower categories
 - Billions of outlets have been deployed in data center panels and equipment
 - Seamless support for Autonegotiation
- Data files of integrated magnetic isolator/connector ICMs using the RJ-45 interface having acceptable transmission performance have been provided to IEEE 802.3bq ad hoc groups from multiple suppliers
- Both IEC and TIA are well along in developing standards for the connectors
 - IEC 60603-7-81 circulated as CDV during 9/1/14 week
 - TIA 596-C.2-1 contains connector specifications

Motion

- Choose the RJ-45 as reflected in IEC 60603-7-51 (published) and 60603-7-81 (CDV draft) as the MDI interface