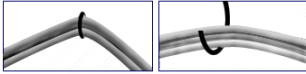


Tips For Installing Category Cables

Most high speed data application failure is due to improper installation techniques. To insure proper performance of category cable products, always follow these guidelines:

- When pulling cable, avoid kinking and tugging. Constant tension should be used when pulling cable into place. EIA/TIA-568A specifies a 25 pound maximum pulling tension for category cable installations.
- Do not crush or pinch the cable.
- Avoid sharp turns over 90°. This may cause disruption in conductor and cable integrity.
- Route cable wherever possible to maximize data transmission.
- Avoid running cable close to external power sources. EMI (electromagnetic interference) and RFI (radio frequency interference) may cause data transmission problems.
- Avoid heat and moisture. High temperature and moist locations may cause attenuation problems.
- Select only the highest grade category cables available. Overall performance is a key ingredient for system success.
- Standard cable ties may pinch category cables. Specially designed fasteners are available to avoid placing pressure and stress on the cable.



- Special termination procedures must be followed. Remove only as much jacket and insulation as is recommended. Do not untwist conductors more than necessary. For details consult your equipment manufacturer or EIA/TIA guidelines.
- Always use proper tools and equipment.