



Comparison Considerations IEEE 802.5 Gigabit Token Ring Small Form Factor GOF Connector System

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To Cover

- Matrix Category Considerations
- Process Considerations

Matrix Category Considerations

- Application
- Availability
- Optical Performance
- Standardization

Application

- Estimated time to field terminate (% of SC time)
- Tools required to terminate (name of the tool)
- Number of field assembly parts (#)
- Field polish necessary (Y/N)
- Connector reusable (Y/N)

Availability

- 100 MBit/Sec transceiver producers (names)
- 1000 MBit/Sec transceiver producers (names)
- Licensed connector producers (names)
- Producers of terminated cable assemblies (names)
- LAN electronics adopters (names)

Optical Performance

- SMF – insertion loss (dB)
- SMF – insertion loss after 500 cycles (dB)
- MMF – insertion loss (dB)
- MMF – insertion loss after 500 cycles (dB)

Standardization

- TIA designation
- FOCIS designation
- IEC designation

Process Considerations

- Agree the objective of the matrix
- Agree rows and columns (items and order)
- Solicit cell content
 - Data exclusively from published documents
- Use as informative document

Summary

- We need to consider
 - ◆ the structure of the matrix
 - ◆ the process for developing the matrix