

# 802.3ck 100G serial copper MDIs

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# Summary

- MDIs are required to support copper objectives
  - Single (100GBASE-CR), dual (200GBASE-CR2), quad lane (400GBASE-CR4), MDIs needed to support objectives
  - Octal lane MDIs used for high density applications
- The MDI section should look similar to 802.3cd annex 136C.

# Number of PMDs supportable for each connector: (update from Table 136C-1)

MDI Types	100GBASE-CR	200GBASE-CR2	400GBASE-CR4	Reference
SFP	1	-		
QSFP	1,2,4	1,2	1	
microQSFP	1,2,4	1,2	1	
QSFP-DD	1,2,4,8	1,2,4	1,2	
OSFP	1,2,4,8	1,2,4	1,2	
SFP-DD	1,2	1	-	
DSFP	1,2	1	-	

- Proposed new MDIs

Note: New MDIs will require additional cable assembly mappings (See 802.3cd Annex 136D)

# MDI drawings

