

Interpretation Number: 3-03/03 (Twisted-pair model)
Topic: Twisted-pair model
Relevant Subclause: 14.3.1.2
Classification: Unambiguous

Interpretation Request

Should I use two of the model presented in Figure 14-7 to model the twisted pair or one only (since the model is not symmetric)?

Interpretation for IEEE std 802.3-2002

The standards states in the third paragraph of subclause 14.3.1.2 'Transmitter specifications' that 'For all measurements, the TD circuit shall be connected through a balun to section 1 and the signal measured across a load connected to section 4 of the model.' The balun is used to match the balanced TD circuit to the unbalanced cable model.

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