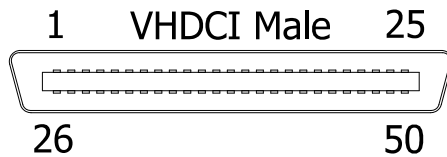


**CBVH50M-x Datasheet**  
Product Revision: Rev A  
0.8mm Pitch (VHDCI) 50-pin Male-Male Cables

**CBVH50M-x Rev A Specifications**

Wire	Pairs 1/26 and 25/50: 28AWG twisted pairs All other pairs: 30AWG twisted pairs
Wire shielding	Alum-Mylar foil and braided
Wire outer diameter	9.2mm nominal
Wire jacket color	Black
Connectors (both)	VHDCI 50-pin Male, Metal shell
Termination	IDC (Insulation Displacement Contact)
Pin mapping	All 1:1
Standard lengths	CBVH50M-6 (6ft)
Compliance	Compliant with substance restrictions of RoHS 2011/65/EU

**Pin Numbering**



**Twisted Pairs and Color Code**

Each row below indicates pairing, for example 1 & 26 are a pair.

Pin 1: Orange / Blue -28 AWG-	Pin 26: Blue / Red	Pin 14: Green / Red	Pin 39: Green / Blue
Pin 2: Brown / Red	Pin 27: Brown / Blue	Pin 15: Green / Yellow	Pin 40: Green / Black
Pin 3: Brown / Yellow	Pin 28: Yellow / Black	Pin 16: Blue	Pin 41: Blue / White
Pin 4: Brown / Black	Pin 29: Black / Yellow	Pin 17: Blue / Yellow	Pin 42: Blue / Black
Pin 5: Red	Pin 30: Red / White	Pin 18: Purple	Pin 43: Purple / White
Pin 6: Red / Yellow	Pin 31: Red / Black	Pin 19: Black / Red	Pin 44: Black / Blue
Pin 7: Red / Blue	Pin 32: Orange / Red	Pin 20: Purple / Yellow	Pin 45: Purple / Black
Pin 8: Orange	Pin 33: Orange / White	Pin 21: Gray	Pin 46: Gray / Brown
Pin 9: Orange / Yellow	Pin 34: Orange / Black	Pin 22: Gray / Yellow	Pin 47: Gray / Black
Pin 10: Brown	Pin 35: Brown / White	Pin 23: White / Yellow	Pin 48: White / Black
Pin 11: Yellow	Pin 36: Yellow / White	Pin 24: Black	Pin 49: Black / White
Pin 12: Yellow / Red	Pin 37: Yellow / Blue	Pin 25: Purple / Red -28 AWG-	Pin 50: Purple / Blue
Pin 13: Green	Pin 38: Green / White	Shell-Shell: Drain wire	

**Notices**

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### **Datasheet Revisions**

- 06/19/2024: Added VHDCI connector diagram for pin numbering; added Termination (IDC)