

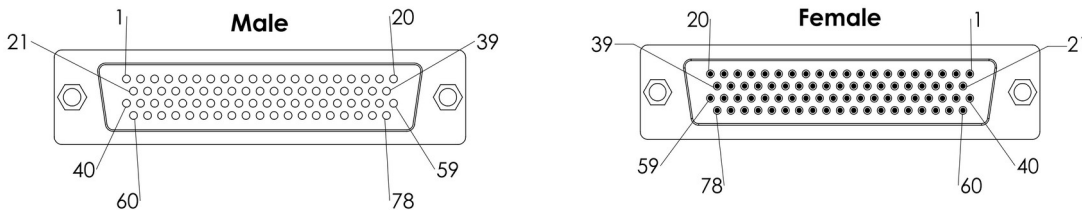
EXT78HDxV2-x Datasheet

Product Revision: Rev A
DB78HD Cables

EXT78HDxV2-x Rev A Specifications

Wire	28 AWG
Wire shielding	Aluminum foil and aluminum braid with drain wire
Wire outer diameter	11.0mm nominal
Wire jacket color	Beige
Termination	Soldered
Pin mapping	All 1:1
Standard lengths	<p>Male - Female: EXT78HDV2-2.5 (2.5ft), EXT78HDV2-5 (5ft), EXT78HDV2-10 (10ft)</p> <p>Male - Male: EXT78HDMV2-2.5 (2.5ft), EXT78HDMV2-5 (5ft), EXT78HDMV2-10 (10ft)</p>

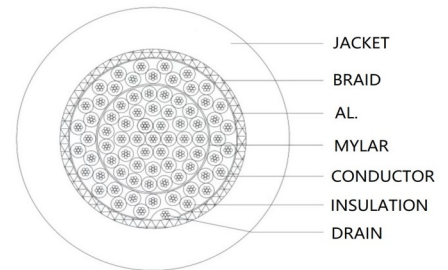
Pin Numbering



Color Code

These cables are constructed with two bundles separated by Mylar, where the conductor color codes are duplicated: an inner bundle and an outer bundle. Refer below for details.

Note: This cable does not utilize any twisted pairing.



Inner Bundle

Pin 1: Black	Pin 21: Red / Black
Pin 2: Brown	Pin 22: Orange / Black
Pin 3: Red	Pin 23: Yellow / Black
Pin 4: Orange	Pin 24: Green / Black
Pin 5: Yellow	Pin 25: Blue / Black
Pin 6: Green	Pin 26: Purple / Black

Outer Bundle

Pin 40: Black	Pin 60: Red / Black
Pin 41: Brown	Pin 61: Orange / Black
Pin 42: Red	Pin 62: Yellow / Black
Pin 43: Orange	Pin 63: Green / Black
Pin 44: Yellow	Pin 64: Blue / Black
Pin 45: Green	Pin 65: Purple / Black

Inner Bundle (Continued)

Pin 7: Blue	Pin 27: Grey / Black
Pin 8: Purple	Pin 28: Light Blue / Black
Pin 9: Grey	Pin 29: Pink / Black
Pin 10: White	Pin 30: Pink / Red
Pin 11: Pink	Pin 31: Light Blue / Red
Pin 12: Light Green	Pin 32: Grey / Red
Pin 13: Light Blue	Pin 33: Grey / Green
Pin 14: Black / White	Pin 34: Pink / Green
Pin 15: Brown / White	Pin 35: Light Blue / Green
Pin 16: Red / White	Pin 36: Pink / Blue
Pin 17: Orange / White	Pin 37: Light Blue / Blue
Pin 18: Green / White	Pin 38: Light Green / Black
Pin 19: Blue / White	Pin 39: Light Green / Red
Pin 20: Purple / White	

Outer Bundle (Continued)

Pin 46: Blue	Pin 66: Grey / Black
Pin 47: Purple	Pin 67: Light Blue / Black
Pin 48: Grey	Pin 68: Pink / Black
Pin 49: White	Pin 69: Pink / Red
Pin 50: Pink	Pin 70: Light Blue / Red
Pin 51: Light Green	Pin 71: Grey / Red
Pin 52: Light Blue	Pin 72: Grey / Green
Pin 53: Black / White	Pin 73: Pink / Green
Pin 54: Brown / White	Pin 74: Light Blue / Green
Pin 55: Red / White	Pin 75: Pink / Blue
Pin 56: Orange / White	Pin 76: Light Blue / Blue
Pin 57: Green / White	Pin 77: Light Green / Black
Pin 58: Blue / White	Pin 78: Light Green / Red
Pin 59: Purple / White	
	Shell-Shell: Drain wire

Notices

1. Drawings and specifications are subject to change without notice.
2. Winford Engineering, LLC does not authorize any of its products for use in military, medical or other life-critical systems and/or devices. Life-critical devices/systems include devices or systems which, a) are intended for surgical implantation into the body, or b) support or sustain life and whose failure to perform can be reasonably expected to result in injury. Winford Engineering, LLC products are not designed with the components required, and are not subject to the testing required to ensure a level of reliability suitable for the treatment and diagnosis of people. Winford Engineering, LLC shall not be held responsible or liable for damages or injury that occur as a result of the use of this product.

Datasheet Revisions

- 04/01/2026: Initial release