

VDPU Input Power Cable

Model Number: THRSLTCA1200

Overview

The VDPU Input Power Cable provides the primary power connection between the **PDB (C4)** and the **VDPU (C1)**. Designed for reliable delivery of +24 VDC and ground, the harness uses shielded looms with MIL-grade connectors to ensure stability in demanding defense environments. Used in the **UXOR project supplied to IAF**.

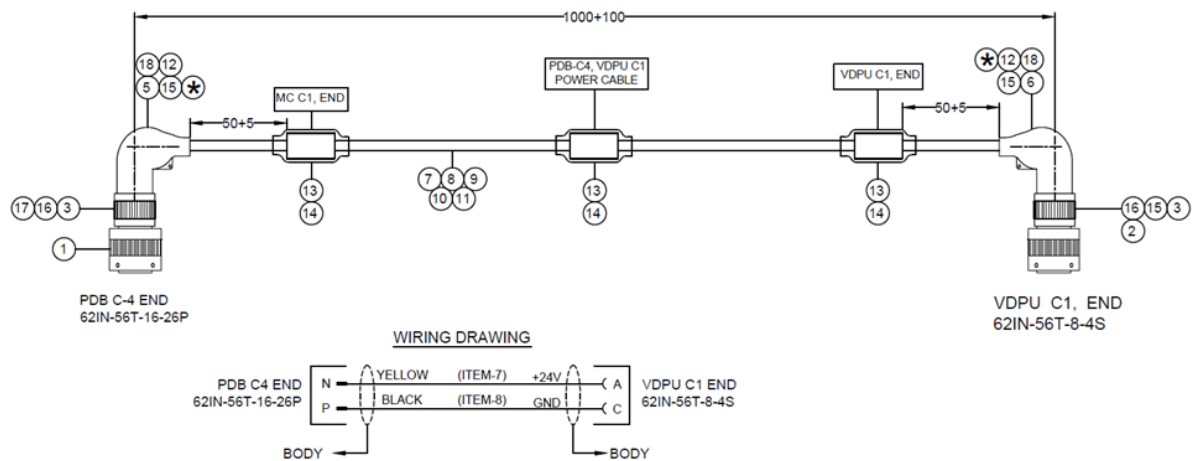
Technical Specifications

Parameter	Specification
Function	Supplies +24 VDC from PDB to VDPU
Connector A (PDB side)	62IN-56T-16-26P
Connector B (VDPU side)	62IN-56T-8-4S
Conductors	2-core (Yellow = +24 V, Black = GND)
Cable type	Shielded, 20 AWG per wire
Length	1000 ± 100 mm
Environmental	IP65, -20 °C to +55 °C

Pin Configuration

From PDB C4 → To VDPU C1

PDB C4 Pin	Signal	VDPU C1 Pin	Wire Color
N	+24 V	A	Yellow
P	GND	C	Black
Body	Shield continuity	Body	—



Key Features

- Direct +24 VDC supply line with ground return.
- Shield continuity for EMI protection.
- MIL-grade connectors ensure ruggedized deployment.
- Compact, reliable two-core construction for reduced bulk.

Applications

- Power input cable for **VDPU integration**.
- Bench testing and field trials of UXOR platforms.
- Any application requiring stable 24 VDC supply to VDPU.

Note

Alternate gauge or length configurations can be provided on request.