



The Jonard Tools TK-DC03 is a purpose-built operations and maintenance kit for data center technicians responsible for keeping fiber, copper, and power infrastructure running in all data center types including traditional set ups like edge & enterprise, hyperscales, colocations and AI networks.

This kit addresses the full range of routine O&M work, from inspecting and cleaning LC, SC, MPO 12-core, and MPO 16-core fiber connectors to testing copper cable runs, validating continuity, and performing live electrical work safely around data center power distribution. Whether you are troubleshooting a degraded fiber link, tracing an unlabeled copper run, or working around live grounding buses and PDU panels, the TK-DC03 has the right tool for the task, all organized and ready for the demands of daily on-site maintenance work.

Kit Includes:

- **ACM-1000** 1000A Digital Clamp Meter
- **BP-100** Technician's Tool Bag Backpack
- **CLS-125/50** Cleaning Sticks for Fiber Optic Connectors, 1.25 mm, Box of 50
- **CLS-250/50** Cleaning Sticks for Fiber Optic Connectors, 2.50 mm, Box of 50
- **CWP-125** Pointed Cotton Swabs, Pack of 125
- **DW-90** Dry Wipes for Cleaning Fiber, 90 Per Package
- **FCCS-120** Slim Fiber Connector Cleaner, MPO 12 Core
- **FCCS-160** Slim Fiber Connector Cleaner, MPO 16 Core
- **FCF-3** Nonflammable Fiber Cleaning Fluid
- **FCT-100** Fiber Connector Tool for LC, SC Connectors
- **FLS-50S** Mini Optical Light Source with FC/LC/SC Adapters for PC/UPC Connectors
- **FPM-50S** Mini Optical Power Meter, (-50 to +26dBm)
- **FW-50** Fiber Wipes, Wet (Pack of 50)
- **INP-1072** Insulated Lineman's Combo Pliers, 7 1/2"
- **INS-180** Phillips Insulated Screwdriver, #1 x 3"
- **INS-8175** Cabinet Slotted Insulated Screwdriver, 5/16" x 7"
- **SOL-F1** Solis™ Rechargeable Tactical Flashlight
- **TCC-1416** Electric Lug and Terminal Crimper
- **TCK-178** Solderless Ring and Lug Terminal Kit, 178 Pcs
- **TDR-100** Network Cable Tester and TDR
- **UC-4511** RJ45 & RJ11/12 Modular Pass-through Crimper w/ Tail Crimping Slots
- **WFM-100** Wireless Fiber Inspection Microscope w/ UPC Adapters
- **WFM-MPOU** Wireless Fiber Microscope w/ MPO/UPC Adapter



- FCT-100 safely removes fiber connectors from high density panels and ports while the WFM-100 helps inspect LC, SC, MPO 12-core, and MPO 16-core fiber connector end-faces, catching contamination before it degrades link performance or causes outages.
- Clean fiber connectors using format-specific tools such as CLS-125/50 for LC, CLS-250/50 for SC, FCCS-120 for MPO 12-core, and FCCS-160 for MPO 16-core. Additional consumables such as CWP-125 swabs, DW-90 dry wipes, FCF-3 cleaning fluid and FW-50 wet wipes included providing a full solution to removing particulate contamination that raises insertion loss in ways the human eye cannot detect.
- Measure insertion loss FPM-50S and verify fiber link performance FLS-50S across single-mode installations, covering commissioning sign-off, ongoing maintenance verification, and fast first-pass fault checks without requiring full OTDR setup.
- Trace cable runs, verify continuity, and pinpoint fault distance on copper infrastructure with the TDR-100 across raised floors, overhead trays, and crowded patch panels reducing exploratory demolition. Maintain efficiency during maintenance with the modular crimper and cutter UC-4511 during O&M and break-fix work.
- Work safely around data center power distribution panels, grounding buses, and PDU feeds. ACM-1000 detects voltage and common electrical issues. TCK-178 and TCC-178 provides a full termination solution while 1,000V-rated insulated hand tools rated to IEC standards, covers the driving with INS-180 and INS-8175, and fastening tasks with INP-1072 most common in data center electrical maintenance.
- Stay safe and productive during rack work with SOL-F1 rechargeable lighting for low-light aisles and BP-100 heavy-duty backpack for organization.

SPECIFICATIONS	
DATA CENTER TYPE	Traditional (Edge, Enterprise, Colocation), Hyperscale (Cloud, Large-Scale), AI Network (Campus/GPU Clusters)
ENVIRONMENT TYPE	Inside Plant (ISP) & Outside Plant to Inside Plant (OSP-to-ISP)
SOLUTIONS FOCUS	Operations
LIFECYCLE PHASE	All Phases (Prep & Install, Cleaning & Inspecting, Testing & Commission, Repair & Maintenance)
CAPABILITIES	Bend, cable testing, clean, crimp, cut, drive, electrical testing, fiber testing, grip, illuminate, inspection, pull, terminate, store & carry
CABLE TESTING CAPABILITIES	Tone & probe, wire mapping, TDR, continuity
CLEANING CAPABILITIES	Wet Wiping, Dry Wiping Click Cleaning: MPO/MTP 8, 12, 24 (12x2), 16, 32 (16x2) connectors & ports Cleaning Sticks: 1.25 mm LC & MC, 2.5 FC, SC, ST connectors
CRIMPING CAPABILITIES	Electrical: Insulated butt connectors, telephone spade lugs, open barrel connectors & non-insulated lugs/terminals Network: RJ11, RJ12, & RJ45 pass-through, shielded & unshielded connectors on CAT3, CAT5, CAT5e, CAT6, CAT6A, CAT7 Cables
CUTTING CAPABILITIES	Flush Cut: Live Wire (up to 1000V) & high strength wire, bolts, nails
DRIVER CAPABILITIES	Live Circuits (up to 1000V): Phillips: #1 x 3" Cabinet Slotted: 5/16" x 7"
ELECTRICAL TESTING CAPABILITIES	DC/AC Current, DC/AC Voltage, Resistance, Capacitance, Temperature, Continuity/Diode, up to 2500V & 999.9A
FIBER TESTING CAPABILITIES	Optical insertion loss: 1310/1550 nm Optical power performance: 800-1650 nm, -50 to +26dBm Visual Fault Location: 2 mW
ILLUMINATING CAPABILITIES	250-1500 lm, 4-8 hrs
INSPECTION CAPABILITIES	1.25 mm LC (PC/UPC) & 2.5 mm FC/SC/ST (PC/UPC) Connectors
PULLING & GRIPPING CAPABILITIES	LC, SC-Simplex, SC-Duplex, MU, MT-RJ Connectors Live Wires (up to 1000V) & general materials
TERMINATING CAPABILITIES	Ring, Fork, Spade & Butt-Splice, 10-22 AWG (2.6- 0.64 mm)
UPC #	810215350568

