

Approved Test Leads For Panduit Mini-Com® TX6™ PLUS Jack Modules and DP6™ PLUS Patch Panels

Approved: Panduit independently verifies field testers report values consistent with a Laboratory Network Analyzer for adherence to the standards. The following testers are fully approved:

Permanent Link

	Firmware Version	Software Version	Calibration Equipment	Autotest	Test Leads	Personality Module	Comments
Fluke: Networks DSP-4000 Series Cable Analyzer Fluke Networks Website	DSP-4300: Software: V1.925 Standards: V5.17 DSP-4100: Software: V4.925 Standards: V5.17 DSP-4000: Software: V3.925 Standards: V5.17	Linkware Software V6.0 or later (Windows 7 patch if applicable)	Part # DSP-PCAL Universal Permanent Link Calibration Kit ₂	TIA Cat 6 Perm. Link	Part # DSP-LIA101 Universal Permanent Link Interface Adapter	PM06	1. Consult Fluke Networks' web site for the latest Firmware and Software Version. 2. It is STRONGLY RECOMMENDED that the DSP-LIA101 Adapters are calibrated using this Kit and the Linkware Software (DSP Utilities/ Permanent Link Cal.) prior to Permanent Link testing.
Fluke: Networks DTX-1800 Series Cable Analyzer Fluke Networks Website	Software: V2.24 or later	Linkware Software V6.0 or later (Windows 7 patch if applicable)	-	TIA Cat 6 Perm. Link	Part # DTX-PLA001 or 002 Universal Permanent Link Interface Adapter	PM06	1. Consult Fluke Networks' web site for the latest Firmware and Software Version. 2. It is STRONGLY RECOMMENDED that the tester is calibrated prior to testing.
Agilent: WireScope Pro N2640A Agilent Technologies Website	WireScope Pro Software 2.1.9 or later	WireScope Pro (ScopeData Pro II) Software 2.19 or later ₁	-	Cat6: Link	Part # N2644A-101 Universal Cat 6A Link SmartProbes	N/A	1. Consult Agilent's web site for the latest Software Version. 2. Calibration with the Precision Calibration Cable is STRONGLY RECOMMENDED. 3. Tester holds last calibration. Tester must be recalibrated if using a different DualRemote, upgrading the software, when transitioning from Cat7/Class F copper cable test to Cat6A/Class E or lower performance categories, or after 30 days. 4. Universal Cat 6A Link SmartProbes should be in optimal condition. See owners manual.
Agilent: N2600A WireScope 350 N2610A FrameScope 350 Agilent Technologies Website	WireScope Software 3.1 or later	WireScope Software 3.1 or later ₁	Part # N2604A-301 Precision Calibration Cable ₂	Cat6: Link	Part # N2604A-101 Universal Cat 6 Link Smartprobe	N/A	1. Consult Agilent's web site for the latest Software Version. 2. Calibration with the Precision Calibration Cable is STRONGLY RECOMMENDED. 3. Tester holds last calibration. Tester must be recalibrated for switching testing from Channel to PL. 4. Universal Cat 6 Link Smartprobe should be in optimal condition. See owners manual.
Ideal: LANTEK 6 LANTEK 6A LANTEK 7 LANTEK 7G Ideal Industries Website	Firmware: V2.510 or later	LANTEK Reporter V3.270 or later	Panduit Patch Cord UTPSP*	Twisted Pair Perm: Cat 6-250	Part # 0012-00-0629 Cat6/5e adapter RJ45	N/A	1. Consult Ideal's web site for the latest Firmware and Software Version. 2. Tester must be recalibrated from job site to job site. 3. Patch cords should be in optimal condition.

Channel

	Firmware Version	Software Version	Calibration Equipment	Autotest	Test Leads	Personality Module	Comments
Fluke: Networks DSP-4000 Series Cable Analyzer Fluke Networks Website	DSP-4300: Software: V1.925 Standards: V5.17 DSP-4100: Software: V4.925 Standards: V5.17 DSP-4000: Software: V3.925 Standards: V5.17	Linkware Software V6.0 or later (Windows 7 patch if applicable)	-	TIA Cat 6 Channel	Part # DSP-LIA012 Cat6/5e Channel Adapters or Part # DSP-LIA013 Cat 6 Channel/Traffic Adapter	N/A	1. Consult Fluke Networks' web site for the latest Firmware and Software Version.
Fluke: Networks DTX-1800 Series Cable Analyzer Fluke Networks Website	Software: V2.24 or later	Linkware Software V6.0 or later (Windows 7 patch if applicable)	-	TIA Cat 6 Channel	Part # DTX-CHA001 or CHA001A Cat 6 / Class E Channel Adapter	N/A	1. Consult Fluke Networks' web site for the latest Firmware and Software Version. 2. It is STRONGLY RECOMMENDED that the tester is calibrated prior to testing.
Agilent: WireScope Pro N2640A Agilent Technologies Website	WireScope Pro Software 2.1.9 or later	WireScope Pro (ScopeData Pro II) Software 2.19 or later	-	Cat6: Channel	Part # N2644A-100 Universal Cat 6A Channel SmartProbe	N/A	1. Consult Agilent's web site for the latest Software Version. 2. Calibration with the Precision Calibration Cable is STRONGLY RECOMMENDED . 3. Tester holds last calibration. Tester must be recalibrated if using a different DualRemote, upgrading the software, when transitioning from Cat7/Class F copper cable test to Cat6A/Class E or lower performance categories, or after 30 days. 4. Universal Cat 6A Channel SmartProbes should be in optimal condition. See owner's manual.
Agilent: N2600A WireScope 350 N2610A FrameScope* 350 Agilent Technologies Website	WireScope Software 3.1 or later	WireScope Software 3.1 or later	Panduit Patch Cord UTPSP17 or UTPSP7	Cat6: Channel	Part # N2604A-100 Universal Cat 6 Channel Smartprobe ₁	N/A	1. Consult Agilent's web site for the latest Software Version. 2. Tester holds last calibration. Tester must be recalibrated for switching testing from PL to Channel.
Ideal: LANTEK 6 LANTEK 6A LANTEK 7 LANTEK 7G Ideal Industries Website	Firmware: V2.510 or later	LANTEK Reporter V3.270 or later	Panduit Patch Cord UTPSP*	Twisted Pair Channel: Cat 6-250	Part # 0012-00-0629 Cat6/5e adapter RJ45	N/A	1. Consult Ideal's web site for the latest Firmware and Software Version. 2. Tester must be recalibrated from job site to job site. 3. Patch cords should be in optimal condition.
Megger: SCT2000	Version 1.0.0	Megger LCMD	-	TIA Cat 6 Channel	Part # 6331-827 Category 6 Channel Adapter	N/A	1. Consult Megger web site for the latest Firmware and Software Version.

* Panduit has not physically tested the FrameScope 350. Agilent maintains the FrameScope and WireScope have identical software and hardware for cabling testing.

Approved Test Leads For Panduit Mini-Com® TX6™ PLUS Jack Modules and DP6™ PLUS Patch Panels

Approved: *PANDUIT* independently verifies field testers report values consistent with a Laboratory Network Analyzer for adherence to the standards. The following testers are fully approved:

Permanent Link

	Firmware Version	Software Version	Calibration Equipment	Autotest	Test Leads	Personality Module	Comments
Fluke: Networks OMNIScanner 2 Fluke Networks Website	Version 6.12 or later	Linkware Software V6.0 or later (Windows 7 patch if applicable)	-	TIA Cat 6 Perm. Link	<u>Part # OMNI-LIA101</u> Universal Permanent Link Interface Adapter	PM06	1. The PM25 may also be used to test Panduit TP style jacks and DP6™ PLUS panels.

Channel

Fluke: Networks OMNIScanner 2 Fluke Networks Website	Version 6.12 or later	Linkware Software V6.0 or later (Windows 7 patch if applicable)	-	TIA Cat 6 Chan ¹	<u>Part # 8262-42</u> Category 5/5e/6 Channel Adapter ²	N/A	1. IMPORTANT: Make sure Channel adapters are used with Channel Autotests. 2. Testing Channel on drops less than 20m is NOT RECOMMENDED .
--	-----------------------	---	---	-----------------------------	---	-----	--