

T-BERD®/MTS-5800 Handheld Network Tester

Ordering Information

The T-BERD/MTS-5800 is available in six different hardware configurations designed to meet all testing needs:

- Single- and dual-port Ethernet/SONET/SDH versions
- With or without TDM/PDH interfaces
- Fully loaded TDM/PDH to 10G Ethernet, SONET, and SDH



5800 Packages for North America

All packages include soft carry case, user manual, battery, power adaptor, and 3-year warranty. All packages with Ethernet include Layers 1, 2, and 3 (IPv4) and multiple streams (CoS). All packages with 10GE include LAN & WAN. All packages with DS1 include DS0 & PRI ISDN. All dual port packages contain (1) set of SFPs. Additional SFPs must be purchased for dual optical testing.

PDH & SONET Single Port Packages

TB5801P-DS3	TB5801P with DS1/DS3/STS1, Bantam and BNC cables
TB5801P-OC12	TB5801P with DS1/DS3/STS1 and OC3-12, Optics, Bantam, BNC and fiber patch cables
TB5801P-OC48	TB5801P with DS1/DS3/STS1 and OC3-48, Fiber Inspection Scope, Optics, Bantam, BNC and fiber patch cables
TB5812P-OC192	TB5812P with DS1/DS3/STS1 and OC3-192, Fiber Inspection Scope, Optics, Bantam, BNC and fiber patch cables

Ethernet Single Port Packages

TB5801-GIGE	TB5801 with 1GE Optical and 10/100/1000 Mbps Electrical Ethernet, Optics and fiber patch cables
TB5812-1G-10GE	TB5812 with 1GE and 10GE Optical and 10/100/1000 Mbps Electrical Ethernet, Fiber Inspection Scope, Optics and fiber patch cables

PDH, SONET, and Ethernet Single Port Packages

TB5801P-DS3-GIGE	TB5801P with DS1/DS3/STS1, 1GE Optical and 10/100/1000 Mbps Electrical Ethernet, Optics, Bantam, BNC, and fiber patch cables
TB5801P-OC12-GIGE	TB5801P with DS1/DS3/STS1, OC3-12, 1GE Optical and 10/100/1000 Mbps Electrical Ethernet, Optics, Bantam, BNC, and fiber patch cables
TB5801P-OC48-GIGE	TB5801P with DS1/DS3/STS1, OC3-48, 1GE Optical and 10/100/1000 Mbps Electrical Ethernet, Fiber Inspection Scope, Optics, Bantam, BNC, and fiber patch cables
TB5812P-OC192-10GE	TB5812P DS1/DS3/STS1, OC3-192, 1GE and 10GE Optical and 10/100/1000 Mbps Electrical Ethernet, Fiber Inspection Scope, Optics, Bantam, BNC, and fiber patch cables

PDH & SONET Dual Port Packages

TB5802P-OC12-DP	TB5802P Dual port with DS1/DS3/STS1 and OC3-12, Optics, Bantam, BNC, and fiber patch cables
TB5802P-OC48-DP	TB5802P Dual port with DS1/DS3/STS1 and OC3-48, Fiber Inspection Scope, Optics, Bantam, BNC, and fiber patch cables
TB5812P-OC192-DP	TB5812P Dual port with DS1/DS3/STS1 and OC3-192, Fiber Inspection Scope, Optics, Bantam, BNC, and fiber patch cables

Ethernet Dual Port Packages

TB5802-GIGE-DP	TB5802 Dual port with 1GE Optical and 10/100/1000 Mbps Electrical Ethernet, Optics and fiber patch cables
TB5812-1G-10GE-DP	TB5812 Dual port with 1GE and 10GE Optical and 10/100/1000 Mbps Electrical Ethernet, Fiber Inspection Scope, Optics and fiber patch cables

PDH, SONET, and Ethernet Dual Port Packages

TB5802P-DS3-GIGE-DP	TB5802P Dual port with DS1/DS3/STS1, 1GE Optical and 10/100/1000 Mbps Electrical Ethernet, Optics, Bantam, BNC, and fiber patch cables
TB5802P-OC12-GIGE-DP	TB5802P Dual port with DS1/DS3/STS1, OC3-12, 1GE Optical and 10/100/1000 Mbps Electrical Ethernet, Optics, Bantam, BNC, and fiber patch cables
TB5802P-OC48-GIGE-DP	TB5802P Dual port with DS1/DS3/STS1, OC3-48, 1GE Optical and 10/100/1000 Mbps Electrical Ethernet, Fiber Inspection Scope, Optics, Bantam, BNC, and fiber patch cables
TB5812P-OC192-10GE-DP	TB5812P Dual port with DS1/DS3/STS1, OC3-192, 1GE and 10GE Optical and 10/100/1000 Mbps Electrical Ethernet, Fiber Inspection Scope, Optics, Bantam, BNC, and fiber patch cables

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Ordering Information *cont'd.***5800 Packages for APAC, EMEA, Latin America**

All packages include soft carry case, user manual, battery, power adaptor, and 3-year warranty. All packages with Ethernet include Layers 1, 2, and 3 (Ipv4) and multiple streams (CoS). All packages with 10GE include LAN & WAN. All dual port packages contain (1) set of SFPs. Additional SFPs must be purchased for dual optical testing.

PDH & SDH Single Port Packages

MTS5801P-PDH	MTS5801P with all PDH interfaces, Bantam and BNC cables
MTS5801P-STM4	MTS5801P with all PDH interfaces and STM-1,-4, Optics, Bantam, BNC and fiber patch cables
MTS5801P-STM16	MTS5801P with all PDH interfaces and STM-1-16, Fiber Inspection Scope, Optics, Bantam, BNC and fiber patch cables
MTS5812P-STM64	MTS5812P with all PDH interfaces and STM-1-64, Fiber Inspection Scope, Optics, Bantam, BNC and fiber patch cables

Ethernet Single Port Packages

MTS5801-GIGE	MTS5801 with 1GE Optical and 10/100/1000 Mbps Electrical Ethernet, Optics and fiber patch cables
MTS5812-1G-10GE	MTS5812 with 1GE and 10GE Optical and 10/100/1000 Mbps Electrical Ethernet, Fiber Inspection Scope, Optics and fiber patch cables

PDH, SDH, and Ethernet Single Port Packages

MTS5801P-PDH-GIGE	MTS5801P with all PDH interfaces, 1GE Optical and 10/100/1000 Mbps Electrical Ethernet, Optics, Bantam, BNC, and fiber patch cables
MTS5801P-STM4-GIGE	MTS5801P with all PDH interfaces, STM1-4, 100/1000Mbps Optical and 10/100/1000 Mbps Electrical Ethernet, Optics, Bantam, BNC, and fiber patch cables
MTS5801P-STM16-GIGE	MTS5801P with all PDH interfaces, STM1-16, 100/1000Mbps Optical and 10/100/1000 Mbps Electrical Ethernet, Fiber Inspection Scope, Optics, Bantam, BNC, and fiber patch cables
MTS5812P-STM64-10GE	MTS5812P with all PDH interfaces and STM-1-64, 1GE and 10GE Optical and 10/100/1000 Mbps Electrical Ethernet, Fiber Inspection Scope, Optics, Bantam, BNC, and fiber patch cables

PDH & SDH Dual Port Packages

MTS5802P-STM4-DP	MTS5802P Dual port with all PDH interfaces and STM-1,-4, Optics, Bantam, BNC and fiber patch cables
MTS5802P-STM16-DP	MTS5802P Dual port with all PDH interfaces and STM-1-16, Fiber Inspection Scope, Optics, Bantam, BNC and fiber patch cables
MTS5812P-STM64-DP	MTS5812P Dual port with all PDH interfaces and STM-1-64, Fiber Inspection Scope, Optics, Bantam, BNC and fiber patch cables

Ethernet Dual Port Packages

MTS5802-GIGE-DP	MTS5802 Dual port with 1GE Optical and 10/100/1000Mbps Electrical Ethernet, Optics and fiber patch cables
MTS5812-1G-10GE-DP	MTS5812 Dual port with 1GE and 10GE Optical and 10/100/1000Mbps Electrical Ethernet, Fiber Inspection Scope, Optics and fiber patch cables

PDH, SDH, and Ethernet Dual Port Packages

MTS5802P-PDH-GIGE-DP	MTS5802P Dual port with all PDH interfaces, 1GE Optical and 10/100/1000 Mbps Electrical Ethernet, Optics, Bantam, BNC, and fiber patch cables
MTS5802P-STM4-GIGE-DP	MTS5802P Dual port with all PDH interfaces, STM1-4, 1GE Optical and 10/100/1000 Mbps Electrical Ethernet, Optics, Bantam, BNC, and fiber patch cables
MTS5802P-STM16-GIGE-DP	MTS5802P Dual port with all PDH interfaces, STM1-16, 1GE Optical and 10/100/1000 Mbps Electrical Ethernet, Fiber Inspection Scope, Optics, Bantam, BNC, and fiber patch cables
MTS5812P-STM64-10GE-DP	MTS5812P Dual port with all PDH interfaces and STM-1-64, 1GE and 10GE Optical and 10/100/1000 Mbps Electrical Ethernet, Fiber Inspection Scope, Optics, Bantam, BNC, and fiber patch cables

Ordering Information *cont'd.*

Mainframe and Test Option Part Codes

5800 Mainframe Hardware

TB/MTS-5801	Single Port 1GE/155M–2.5G 5800 Mainframe
TB/MTS-5802	Dual Port 1GE/155M–2.5G 5800 Mainframe
TB/MTS-5812	10G + Dual Port 1GE/155M–2.5G 5800 Mainframe
TB/MTS-5801P	Single Port 1GE/155M–2.5G + PDH 5800 Mainframe
TB/MTS-5802P	Dual Port 1GE/155M–2.5G + PDH 5800 Mainframe
TB/MTS-5812P	10G + Dual Port 1GE/155M–2.5G + PDH 5800 Mainframe

Low-Speed Optical Interface Software

C510M1GE	10/100/1000 M Electrical and 1GigE Optical Ethernet Test Option (includes IPv4 and Multiple Streams CoS)
C5LSSONSDH	OC-3/STM-1 and OC-12/STM-4 Test Option
C525GSONSDH	OC-48/STM-16 Test Option
C5LSL1CPRI	3.072G Optical BERT Test Option
C5DUALPORT	Enables low-speed Port 2 on 5802/P and 5812/P

10G Interface Software

C510GELAN	10GigE LAN Ethernet Test Option (includes WAN, IPv4, and Multiple Streams CoS)
C510GEWAN	10GigE WAN Ethernet Test Option (includes LAN, IPv4, and Multiple Streams CoS)
C510GSONSDH	OC-192/STM-64 Test Option

Electrical PDH/TDM Software

C5E1DS1	E1/DS1 Electrical Test Option
C5DS3STS1	DS3/STS-1 Electrical Test Option
C5E3E4STM1E	E3/E4/STM-1e Electrical Test Option

Additional Ethernet/IP Software

C5IPV6	Ethernet IPv6 Test Option
C5LSLAYER4	10/100/1000 M and 1GigE L4 TCP/UDP Test Option
C510GLAYER4	10GigE L4 TCP/UDP Test Option
C5ETHSOAM	Ethernet Service and Link Layer OAM Test Option
C5LSCAPTURE	10/100/1000M and 1GigE Packet Capture Test Option
C510GCAPTURE	10GigE Packet Capture Test Option
C5LSSYNCE	1GigE Optical Sync-E Test Option
C510GESYNCE	10GigE Optical Sync-E Test Option
C5LS1588	10/100/1000 M and 1GigE IEEE 1588 Test Option
C5JPROOF	J-Proof Layer 2 Transparency Test Option
C5MACINMAC	Ethernet MAC-in-MAC Test Option
C5MPLSVPLS	Ethernet MPLS/VPLS Test Option
C5MPLSTP	Ethernet MPLS-TP & OAM Test Option

Additional Mainframe Software

CSVT100	VT-100 Emulation Test Option
CSTAMSCRIPT	TAM Automation Test Option
CSRENTAL	Rental Configuration Option
CSWIFI	USB WiFi Dongle for 5800
CSBT	Bluetooth Connectivity Option
CSETHLPBK	Ethernet Loopback Option; use only when ordering the 5800 as a Loopback ONLY Unit. Loopback is supported with full generation interface options.

1GE and 1G/2G FC SFP Transceiver

CSFP-2G-8-1	SFP GigE and 2G/1G Fibre Channel, 850 nm, 300 m, SX
CSFP-2G-3-1	SFP GigE and 2G/1G Fibre Channel, 1310 nm, 20 km, LX
CSFP-2G-5-1	SFP GigE and 2G/1G Fibre Channel, 1550 nm, 80 km, ZX

SONET/SDH and 1GE, 1G/2G FC SFP Transceiver

CSFP-2G5-3-1	SFP 2.5G–155M and GigE and 2G/1G FC, 1310 nm, 40 km, LR1
CSFP-2G5-5-1	SFP 2.5G–155M and GigE and 2G/1G FC, 1550 nm, 80 km, LR2
CSFP-2G5-5-2	SFP 2.5G–155M and GigE and 2G/1G FC, 1550 nm, 15 km, IR2

10G SONET/SDH and 10GE XFP Transceiver

CXFP-10G-8-1	XFP 9.95G and 10GigE and 10G FC, 850nm, 300m, SR
CXFP-10G-3-1	XFP 9.95G–11.1G and 10GigE and 10G FC, 1310 nm, 10 km, SR1
CXFP-10G-5-1	XFP 9.95G–11.1G and 10GigE and 10G FC, 1550 nm, 40 km, IR2
CXFP-10G-5-2	XFP 9.95G–11.1G and 10GigE and 10G FC, 1550 nm, 80 km, IR2, APD
CXFP-10G-T-1	XFP 9.95G–11.1G, 10GE, 10G FC, DWDM Tunable, 80 km, LR2

Additional SFP Transceiver options and accessories are available. Please contact your sales representative for additional information.

Test & Measurement Regional Sales

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