

AMPTRAC Analyzer I/O Cable Assemblies

13

- AMPTRAC connectivity management system I/O cable assemblies are available with the following connectors:
 - DB25 connector (on analyzer)
 - 110 Plug and Play connector (on AMPTRAC SL Series patch panels) and duplex LC interface modules
 - HD22 connector (on MRJ21 patch panels)
 - 2.0 mm AMPMODU connector (used with the analyzer DB25 adapter 1499641-1)
 - 2.0 mm AMPMODU connector (on sensor strips)
 - 6-position modular plug (RJ11) (LC duplex MPO cassettes)
 - 6-position 2.54 MTE connector (on duplex SC adapter plates and MPO cassettes)
- All I/O cables come with molded boots on the analyzer connector end
- I/O cable assemblies are non-plenum (CM rated) and UL Listed

AMPTRAC SL Series and AMPTRAC Optical Fiber Patch Panels

Application	Connector		Conductor Count	Length	Part Number
	End 1	End 2			
Cat 6A Shielded Cat 6 Unshielded Duplex LC	DB25 - Analyzer	None - used with IDC	24	7 ft [2.13 m]	1435844-7
				14 ft [4.27 m]	1-1435844-4
				50 ft [15.24 m]	5-1435844-0
				100 ft [30.48 m]	9-1435844-9
		110 Plug & Play	24	4 ft [1.22 m]	1933152-4
				7 ft [2.13 m]	1933152-7
	10 ft [3.05 m]			1-1933152-0	
	14 ft [4.27 m]			1-1933152-4	
	25 ft [7.62 m]			2-1933152-5	
	100 ft [30.48 m]			9-1933152-9	



DB25
(End 1)

For use with
IDC (End 2)



110 Plug & Play
(End 2)

MRJ21 Patch Panels

Application	Connector		Conductor Count	Length	Part Number
	End 1	End 2			
MRJ21 Patch Panels	DB25 - Analyzer	HD22	24	4 ft [1.22 m]	1499507-4
				7 ft [2.13 m]	1499507-7
				10 ft [3.05 m]	1-1499507-0
				14 ft [4.27 m]	1-1499507-4
				25 ft [7.62 m]	2-1499507-5
				50 ft [15.24 m]	5-1499507-0
				100 ft [30.48 m]	9-1499507-9



DB25
(End 1)

HD22
(End 2)

PCB Sensor

Application	Connector		Conductor Count	Length	Part Number
	End 1	End 2			
LAN Switches	2.0 mm	2.0 mm	2	4 ft [1.22 m]	1499690-4
				7 ft [2.13 m]	1499690-7
				10 ft [3.05 m]	1-1499690-0
				14 ft [4.27 m]	1-1499690-4
				25 ft [7.62 m]	2-1499690-5
				50 ft [15.24 m]	5-1499690-0
				100 ft [30.48 m]	9-1499690-9



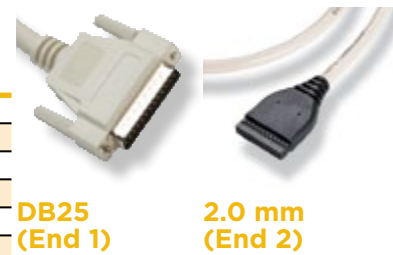
2.0 mm
(End 1)

2.0 mm
(End 2)

AMPTRAC Analyzer I/O Cable Assemblies

PCB Sensor

Application	Connector		Conductor Count	Length	Part Number
	End 1	End 2			
LAN Switches	DB25 - Analyzer	2.0 mm	24	4 ft [1.22 m]	1435845-4
				7 ft [2.13 m]	1435845-7
				10 ft [3.05 m]	1-1435845-0
				14 ft [4.27 m]	1-1435845-4
				25 ft [7.62 m]	2-1435845-5
				50 ft [15.24 m]	5-1435845-0
				75 ft [22.86 m]	7-1435845-5
				100 ft [30.48 m]	9-1435845-9



DB25 (End 1)

2.0 mm (End 2)

PCB Sensor

Application	Connector		Length	Conductor Count			
	End 1	End 2		6	8	12	16
LAN Switches	2.0 mm*	2.0 mm	4 ft [1.22 m]	1499689-4	1499688-4	1499687-4	1499686-4
			7 ft [2.13 m]	1499689-7	1499688-7	1499687-7	1499686-7
			10 ft [3.05 m]	1-1499689-0	1-1499688-0	1-1499687-0	1-1499686-0
			14 ft [4.27 m]	1-1499689-4	1-1499688-4	1-1499687-4	1-1499686-4
			25 ft [7.62 m]	2-1499689-5	2-1499688-5	2-1499687-5	2-1499686-5
			50 ft [15.24 m]	5-1499689-0	5-1499688-0	5-1499687-0	5-1499686-0
			75 ft [22.86 m]	7-1499689-5	7-1499688-5	7-1499687-5	7-1499686-5
			100 ft [30.48 m]	9-1499689-9	9-1499688-9	9-1499687-9	9-1499686-9



2.0 mm (End 1 & 2)

*NOTE: Use with DB25 Adapter P/N: 1499641-1 to connect monitored device to AMPTRAC Analyzer.

AMPTRAC LC MPO Cassettes, AMPTRAC LC Duplex Adapter Plates

Application	Connector		Conductor Count	Length	Part Number
	End 1	End 2			
Duplex LC	2.0 mm*	6-Position, RJ11	6	4 ft [1.22 m]	1499684-4
				7 ft [2.13 m]	1499684-7
				10 ft [3.05 m]	1-1499684-0
				14 ft [4.27 m]	1-1499684-4
				25 ft [7.62 m]	2-1499684-5
				50 ft [15.24 m]	5-1499684-0
				75 ft [22.86 m]	7-1499684-5
				100 ft [30.48 m]	9-1499684-9



2.0 mm (End 1)

RJ11 (End 2)

*NOTE: Use with DB25 Adapter P/N: 1499641-1 to connect monitored device to AMPTRAC Analyzer.

Duplex SC

Application	Connector		Conductor Count	Length	Part Number
	End 1	End 2			
Duplex SC Adapter Plates and MPO Cassettes	2.0 mm*	6-Position 2.54 MTE	6	4 ft [1.22 m]	1499685-4
				7 ft [2.13 m]	1499685-7
				10 ft [3.05 m]	1-1499685-0
				14 ft [4.27 m]	1-1499685-4
				25 ft [7.62 m]	2-1499685-5
				50 ft [15.24 m]	5-1499685-0
				75 ft [22.86 m]	7-1499685-5
				100 ft [30.48 m]	9-1499685-9



2.0 mm (End 1)

2.54 MTE (End 2)

*NOTE: Use with DB25 Adapter P/N: 1499641-1 to connect monitored device to AMPTRAC Analyzer.

The screenshot shows the iTRACS Infrastructure Manager interface. It features a navigation tree on the left, a central 'Closet for '106-D2'' view showing server racks, a 'Graphic for '106-D2'' view showing a network diagram with nodes like 'Smith', 'J. Jones', and 'A. Link', and a 'Circuit for '106-D2'' view showing a detailed circuit trace. A 'Data for '106-D2'' table is located at the bottom left, and a menu bar is at the bottom.

Enterprise display: Points to the navigation tree on the left side of the interface.

Switch and Patch Panel Ports in Closet View: Points to the server racks in the 'Closet for '106-D2'' view.

Work area indicated in graphic view: Points to a specific node in the network diagram in the 'Graphic for '106-D2'' view.

Data store Information: Points to the 'Data for '106-D2'' table at the bottom left.

Custom views based on job responsibilities: Points to the 'Circuit for '106-D2'' view at the bottom right.

Circuit trace from end-to-end and all points in between: Points to the detailed circuit diagram in the 'Circuit for '106-D2'' view.

iTRACS IM software has been designed to work with AMP NETCONNECT AMPTRAC Connectivity Management System hardware. Together they create an automated, accurate, real-time physical layer management system. This combined system proactively responds to changes in connectivity and intelligently records your cabling system and its devices with accurate documentation. You reduce costs by eliminating time-consuming manual work order processes. You also maximize your existing network investment by identifying under-utilized assets.

iTRACS® Intelligent Infrastructure Management Software

- ⦿ Real-time monitoring - automates the process of discovering, documenting, monitoring, and managing the physical network's connections and its devices.
- ⦿ Automatically updates the database - reports authorized or unauthorized changes in real time.
- ⦿ Self-discover patching - discovers all iTRACS-enabled port connectivity.
- ⦿ Event logs - whenever the system detects a connectivity change, it automatically creates an entry in an internal comprehensive log.
- ⦿ Automated work order process - iTRACS Infrastructure Manager software provides a greatly automated work order system, to be shared by the help desk, network/telecom managers and technicians. It is the simplest and most intelligent system available. Each user works from a simple user interface, unique to their task.
- ⦿ Access rights and privileges are determined by the administrator. Authorized users select proposed moves of workstations, phones, printers or other equipment. Moves can be performed singly or in bulk, as in departmental relocation. The system automatically generates auto-routing, and a step-by-step work order and schedule, which can be accepted or revised by the user. Tasks can be divided and distributed between various supervisors and technicians via email. Work orders can include system diagrams and floor plans.
- ⦿ When a work order is completed for an iTRACS IM software monitored port, the system record instantly updates, ensuring accurate information. Should an unauthorized change occur, iTRACS IM software can generate a work order to reverse the unwanted action.
- ⦿ For un-monitored ports, a simple verification by technical staff/management ensures that the work flow automatically updates the iTRACS IM software database.
- ⦿ The system can also generate comprehensive reports containing all work order details such as the author, status, creation and scheduled dates, and notes.
- ⦿ Terminal service - iTRACS IM software can be accessed via terminal service therefore allowing full functionality and viewing by remote users.
- ⦿ Automatic re-synchronization - if a network outage should occur, the iTRACS IM Software database automatically re-synchronizes upon the restoration of power, showing network asset connectivity changes.
- ⦿ Security Features - iTRACS IM software distinguishes unauthorized changes from authorized ones.
- ⦿ Alerts - receive a text message via email containing a pre-defined message.
- ⦿ More detailed reports - iTRACS IM software provides a library of detailed reports of cable, port and asset utilization. These reports are invaluable to network administrators and asset managers.
- ⦿ Auto-routing - The system automatically generates suggested auto-routing, and a step-by-step work order and schedule, which can be accepted or revised by the user.

IM Enhancements (9.1)

- ⦿ Supports character based languages as well as Latin based
- ⦿ Work order communicates with AMPTRAC analyzer LCD
- ⦿ ODBC read-authorization
- ⦿ Virtual machine support

Description	Part Number
iTRACS IM Software with One-year Gold Plus Service Agreement	Sold With Analyzer
iTRACS IM Software Concurrent User Pack (5 Additional Users)	1479979-1
iTRACS IM Gold Plus Service Agreement (1 Year Per Port)	1-1479977-1

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Americas

Argentina	54-11-4733-2200
Brazil	55 11 2103-6120
Canada	905-475-6222
Chile	56-2-3450347
Colombia	57-1-3198999
Mexico	52-55-1106-0800
Peru	51-1-3197900
United States	1-800-553-0938
Venezuela	57-1-3198999

Asia/Pacific

Australia	Sydney	61-2-9554-2600
	Melbourne	61-3-9389-5677
	Brisbane	61-7-3623-0340
China	Beijing	86-10-65816181
	Chongqing	86-23-89808860
	Guangzhou	86-20-86672071
	Hong Kong	852-2735-1628
	Shanghai	86-21-24071588
	Shenzhen	86-755-25154700
	Wuhan	86-27-68850166
Indonesia		6221-526-7852
Japan	Kawasaki	81-44-844-8071
	Osaka	81-6-6533-8240
Korea		82-2-3274-0535
Malaysia		603-705-3055
New Zealand	Auckland	64-9-634-4580
	Wellington	64-4-384-1495
Philippines		632-848-0171
Singapore		65-482-0311
Taiwan		886-2-87682788
Thailand		66-2-955-0500
Vietnam		848-9305-546

Europe/Middle East/Africa

Armenia	374-10-381083	Lithuania	370-5-213-1402
Austria	43-1-90560-1204	Luxemburg	31-73-6246-246
Azerbaijan	49-6103-709-3301	Netherlands	31-73-6246-246
Belarus	375-172374794	Norway	47-66-77-88-99
Belgium	32-16-35-2190	Poland	48-22-4576-700
Bulgaria	359-2-971-2152	Portugal	351-961-377-331
Cyprus	30-210-9370-396	Romania	40-21-311-3479
Czech Republic	420-5-41-162-112	Russia	7-495-790-7902
Denmark	45-70-15-52-00	Slovakia	420-5-41-162-112
Egypt	20-2-2419-2334	Slovenia	385-1-3666-733
Estonia	358-95-12-34-20	Spain	34-93-291-0330
Finland	358-95-1234-20	Netherlands	31-73-6246-211
France	33-1-3420-212	Norway	47-66-77-88-99
Georgia	49-6103-709-3301	Poland	48-22-4576-700
Germany	49-6103-709-1547	Russia	7-095-926-55-06
Greece	30-210-9370-396	Spain	34-93-291-0330
Hungary	36-1-289-1007	Sweden	46-8-5072-5000
India	91-80-4011-5000	Switzerland	41-71-447-0447
Ireland	44-208-420-8140	Turkey	90-212-281-8181
Italy	39-011-4012-111	U.A.E. (United Arab Emirates)	971-4-3210201
Kazakhstan	7-327-244-5875	Ukraine	380-44-206-226
Latvia	370-5-213-14-02	United Kingdom	44-208-420-8140
For Eastern European Countries not shown 49-6103-709-1166			
For Middle East/African Countries not shown 33-1-3420-2122			
For BeNeLux 31-73-6246-246			

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