Extracted Pages from Minitran's two hundred page Product Catalogue (Network and Connector Products)

Minitran
Miniasset Transmicro Ltd.
Network and Connector Products

COMPANY PROFILE

... The Company

Minitran
Miniasset Transmicro Ltd.

Miniasset Transmicro Ltd., trading as Minitran, is a " One Stop Shop " for computer networking and connector products for the LAN (Local Area Networking) and WAN (Wide Area Networking) markets. Leading Manufacturers products are offered alongside our carefully selected connector products and own brand items.

Sales Support

Our sales team is here to help. From simple tasks such as price and delivery or product specifications, to advice on problems that may arise in installing structured cable or active products. If necessary one of our sales representatives can call to discuss your application.

Right First Time !

Our stores and systems for picking and despatch are in accordance with ISO9002. Full traceability can be achieved for all items.

Our Suppliers

The Industries' Leading Manufacturers :-

AMP · APC · AUSTIN TAYLOR · BaseLAN · Clamps · 12Cnet · CODE · DATA RACKS · FibreCo · CONEC · Datacom Technologies · Fujikura · BASE · greenpar · KATRON · Mini5 · MICROTEST · MOD-TAP · Minilink · PANDUIT · OPTICALCABLE · NOYES · RAYDEX CDT · Sapphire Networks · Richco · TRENDware · VANGA

Our Guarantee

Connector products are guaranteed for 12 months, depending on the manufacturer. Active products for 1-5 years, depending on the manufacturer. Some structured cabling products are guaranteed for 15 or 20 years. Should any item become faulty within the guarantee period due to a defect we will replace it or repair it.

Technical Support

We offer a wide choice of products with some competing technologies. Our technical team can advise which items best suit your application. Our demonstration area can show Active Products, from 10 Base-T through to SNMP, 100 VG, Fast Ethernet or Switching Hubs. Or maybe you would like a copy of our guide to Ethernet - " **Frequently Asked Questions** ".

We are here to help !

Product Training

Supported by leading brand suppliers, our Product Training offers " Hands On " experience with structured cabling systems or Active Products. Training programmes also support our certified installer programme for 15 year warranted systems.

See Pages 79 - 85

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" NEW ! " PRODUCTS

Vanga Plug In BT to RJ45 Adaptors
See Page 42

AMP Category 5 Telco System
See Pages 47 - 48

Optical Cable Corporation Fibre Optic Cable
See Pages 50 - 51

Fibre Optic Connectors, Tooling, Cabinets, Microscopes, & Cable Accessories
See Page 52 - 62

Noyes OTDR
See Page 63

MOD-TAP Structured Wiring & ISDN Systems
See Pages 79 - 85

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DIN CONNECTORS   16

A Range of black plastic or screened competitively priced DIN connectors for solder, over mould and PCB applications, sold under Minitran's Minilink brand.

Specification:
Rating:	12 V DC. 1A Max
Insulation Resistance:	50 MΩ. Min at 250 VDC
Dielectric Strength:	250 V AC/ 1 minute

Din Configuration Viewed From Plug Mating Face

3 Position 180 degree · 4 Position 216 degree · 5 Position 180 degree · 5 Position 240 degree · 5 Position 360 degree · 6 Position 240 degree · 7 Position 270 degree · 8 Position 270 degree · 8 Position 262 degree

Din Insulated Solder Plug   Minilink
No of Pos.	Degrees	Part No.
3	180	DP3A
4	216	DP4A
5	180	DP5A-180
5	240	DP5A-240
5	360	DP5A-360
6	240	DP6A
7	270	DP7A
8	270	DP8A-270
8	262	DP8A-262

Din Plug For Over Moulding   Minilink
No of Pos.	Degrees	Part No.
3	180	DIN3PMO
4	216	DIN4PMO
5	180	DIN5PMO-180
5	240	DIN5PMO-240
5	360	DIN5PMO-360
6	240	DIN6PMO
7	270	DIN7PMO
8	270	DIN8PMO-270
8	262	DIN8PMO-262

Screened Din Solder Plugs   Minilink
No of Pos.	Degrees	Part No.
3	180	SDP3A
4	216	SDP4A
5	180	SDP5A-180
5	240	SDP5A-240
5	360	SDP5A-360
6	240	SDP6A
7	270	SDP7A
8	270	SDP8A-270
8	262	SDP8A-262

Din Insulated Solder Socket   Minilink
No of Pos.	Degrees	Part No.
3	180	DS3A
4	216	DS4A
5	180	DS5A-180
5	240	DS5A-240
5	360	DS5A-360
6	240	DS6A
7	270	DS7A
8	270	DS8A-270
8	262	DS8A-262

Din Socket For Over Moulding   Minilink
No of Pos.	Degrees	Part No.
3	180	DIN3SMO
4	216	DIN4SMO
5	180	DIN5SMO-180
5	240	DIN5SMO-240
5	360	DIN5SMO-360
6	240	DIN6SMO
7	270	DIN7SMO
8	270	DIN8SMO-270
8	262	DIN8SMO-262

Screened Din Solder Socket   Minilink
No of Pos.	Degrees	Part No.
3	180	SDS3A
4	216	SDS4A
5	180	SDS5A-180
5	240	SDS5A-240
5	360	SDS5A-360
6	240	SDS6A
7	270	SDS7A
8	270	SDS8A-270
8	262	SDS8A-262

Din Panel Socket   Minilink
No of Pos.	Degrees	Part No.
3	180	DPS3
4	216	DPS4
5	180	DPS5-180
5	240	DPS5-240
5	360	DPS5-360
6	240	DPS6
7	270	DPS7
8	270	DPS8-270
8	262	DPS8-262

Din R/A PCB Socket   Minilink
No of	Degrees	Plastic Body	Shielded Body
3	180	DR3AP	DR3AM
4	216	DR4AP	DR4AM
5	180	DR5AP-180	DR5AM-180
5	240	DR5AP-240	DR5AM-240
5	360	DR5AP-360	DR5AM-360
6	240	DR6AP	DR6AM
7	270	DR7AP	DR7AM
8	270	DR8AP-270	DR8AM-270

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PANDUIT™ PATCH PANELS   90

PAN-NET Modular Patch Panels   PANDUIT

MINI-COM modular panels for 19 inch rack mounting. Designed to accept either shielded or unshielded **MINI-COM** jacks (see page 87). Panel colour black with white identification labelling bar, on metal panels. Black plastic panels do not have a labelling bar.

Type	No of Ports	Height	Part No.
With Cable	24	1U	CP24WSBL
Management	48	2U	CP48WSBL
Without Cable	24	1U	CP24BL
Management	48	2U	CP48BL
Without Cable	24	1U	CPP24WBL
Management (Black Plastic Front).	48	2U	CPP48WBL

110 Termination UTP Patch Panels   PANDUIT

Patch panel wired to TIA/EIA 568B utilising 110 IDC punch down connectors. Full Category 5 performance. 110 Punchdown Tool, **Part No. CT110.**

No. of Ports	Height	Part No.
24	1U	DP24588110B
48	2U	DP48588110B

Patch Panel Label Products   PANDUIT

A. = Top label kit identifies patch panel ports. Kit includes 1 label and snap-in cover.
B. = Front label kit identifies patch panel ports. Kit includes 4 labels with label covers.

Style	Part No.
A	DPLT
B	DPLF

Labelling Software System, see page 95.

Krone Termination UTP Patch Panels   PANDUIT

Patch panel wired to TIA/EIA 568B utilising Krone IDC punch down connectors. Full Category 5 performance. Krone Punchdown Tool, **Part No. CT05.**

No. of Ports	Height	Part No.
24	1U	DP24588KRNB
48	2U	DP48588KRNB

Cabinets & Accessories, pages 157-158.
Wire Management, page 93.
Cable Ties, pages 65-66.

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KATRON TRANSCEIVERS   133

S.T.P 10 Base-T / AUI Transceiver   KATRON
	Part No.
	KT-10T

Features :-
• Selectable link test (enable / disable)
• Selectable SQE test (enable / disable)
• 4 LED's for power, transmit, receive, collision, polarity and link
• Compact size - 64mm x 42mm x 20mm.

Fibre ST / AUI Transceiver   KATRON
	Part No.
	KT-10F

Features :-
• Provides for operating up to 2Km of fibre optic cable
• Selectable SQE test (enable / disable)
• 4 LED's for transmit, receive, link and collision
• Compact size - 65mm x 42mm x 20mm.
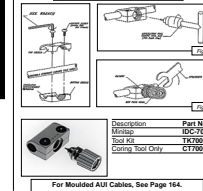
BNC 10 Base-2 / AUI Transceiver   KATRON
	Part No.
	KT-10B

Features :-
• Selectable SQE test (enable / disable)
• LED for power indication only
• Supports jabber function to prevent corrupting the network due to the defective transmit circuitry
• Compact size - 65mm x 42mm x 20mm.

Minitap (Thick Coaxial Tap)

Thick ethernet insulation displacement connector. Designed to pearce thick ethernet cable producing a reliable connection without interrupting data transfer. Used to convert from thick ethernet to thin in conjunction with a transceiver. Requires tool kit TK700 which consists of a T handle coring tool, spanner and allan key.

Specification:
Frequency Range:	0-4 GHz
Contact Resistance:	3 milliohms
Dielectric Withstanding Voltage:	1500V RMS
Insulation Resistance:	5000 megohms min.
Temperature Range:	50°C to 85°C.

ASSEMBLY PROCEDURE INTRODUCTION

Description	Part No.
Minitap	IDC-700
Tool Kit	TK700
Coring Tool Only	CT700

For Moulded AUI Cables, See Page 164.

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KATRON 100 VG CARDS   139

ISA 16 Bit   KATRON
Description	Part No.
ISA Lan Adaptor Card	DP-16I

Features :-
• Complies with 100 Mbps IEEE 802.12 standard software configurable (No switches or jumpers)
• Supports U.T.P. / F.T.P. 4 pair cabling (all pairs terminated)
• Used only in conjunction with 100VG hubs
• Interrupt 3,4,5,6,7,9,10,11,12,15.
• I/O address 200, 240, 280, 200, 300, 340, 380, 300.
• Provides socket for optional boot ROM.
• Dimensions 160mm x 83mm.

EISA 32 Bit   KATRON
Description	Part No.
EISA Lan Adaptor Card	DP-32E

Features (as DP-16I) PLUS :-
• Provides 128 kB packet buffer memory
• Dimensions 160mm x 95mm.

PCI 32 Bit   KATRON
Description	Part No.
PCI Lan Adaptor Card	DP-32PCI

Features (as DP-16I) PLUS :-
• Provides 128 kB packet buffer memory
• Dimensions 160mm x 80mm.

PCI 32 Bit 10/100 Mbps   KATRON
Description	Part No.
PCI 10/100 Lan Adaptor Card	DP-32PC12

Features :-
• 10 Base-T or 100 VG. 100Mbps operation only
• Auto detection on 10Mbps and 100Mbps ports, when either one is used (cannot be used together)
• Software configurable
• Provides link and activity status LED's for both 10 and 100 Mbps ports
• Dimensions 146mm x 90mm.

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DATACOM TECHNOLOGIES   171

FIBERcat™   Datacom Technologies

Testing of fibre optic cable has never been easier or less expensive. With the new FIBERcat Performance Module, any LANcat V Category 5 Cable Tester (or each LANcat V-Two Way handheld unit) becomes a precision, automated optical power meter. Using either an existing light source or a FIBERcat Source, fibre optic cable certification and troubleshooting becomes convenient, fast and easy.

The FIBERcat Performance Module provides an inexpensive alternative to stand-alone power meters that require manual recording of loss references and cable loss test data. Now with a push of a button, reference loss is saved. Connect the cable, and cable loss is automatically measured. Up to 500 test results may be saved in the LANcat V memory along with an assigned circuit ID, date of test, and operator name. Test results can be output later to a serial printer or uploaded to a PC at up to 38,000 baud.

The FIBERcat Performance Module is completely housed within the LANcat V hand-held unit and thus provides maximum convenience in use. A universal threaded connector allows easy adaptation to common fibre optic cables. The FIBERcat Module comes standard with an ST adaptor.

The FIBERcat Kit includes a FIBERcat Performance Module and a FIBERcat Source. The FIBERcat Source provides LED light sources for injecting 850 nm and 1300 nm light into multi-mode fibre optic cables or other components for loss testing. Combined with the FIBERcat Performance Module, they can be used to measure the loss in any fibre optic cable. FIBERcat Source comes equipped with dual ST output connectors and an ST launch cable. It is battery powered, but may also run from the LANcat V ac / mains adaptor.

• Low cost, automated optical power meter.
• Three Wavelengths = 850 nm, 1300 nm & 1550 nm
• Precision, NIST traceable measurements
• Detects losses due to common installation errors
  - Bad splices
  - Excessive bends
  - Fibre mismatch
  - Bad connectors
• Displays, stores, prints, and downloads test results
• Option for any LANcat V Series Cable Tester.

	Part No.
	54653

NETcat 2000   Datacom Technologies
Ethernet Network Analysers

The NETcat 2000 series of hand-held LAN diagnostic instruments quickly solve common cabling, network problems. AC mains adaptor and carrying case provided.

Features :-

	NETcat 2100	NETcat 2200
Network Interface	UTP + BNC	STP + BNC
Protocols	IPX/IP/VINES	IPX/IP/VINES
Supported	DECnet, Appletalk	DECnet, Appletalk
Wire Map	4 pair	4 pair + shield
Length	Yes	Yes
NEXT	No	20MHz
Attenuation	No	20MHz
ACR	No	Yes
Impedance	No	Yes
Impulse Noise	No	Yes
Background Noise	No	Yes
Termination Resistance	No	Yes
Customised Autotest	No	Yes
Traffic Monitor	Yes	Yes
Network Tests	Yes	Yes
IP Total Traffic	Yes	Yes
Printer Connection	Yes	Yes
Flash ROM Update	Yes	Yes

NETcat 2100	NETcat 2200
54663	54662

Accessories for LANcat / NETcat

NETcat 800	Part No.
Remote Identifier Kit 2 to 4	54487
Remote Identifier Kit 5 to 8	54488
Remote Identifier Kit 2' to 8'	54489

NETcat 2000	Part No.
TCP / IP Analyser Option	54666
Thinnet Adaptor	54661

LANcat V	Part No.
Coax BNC Cable Testing Adaptor	54643
NiMH Rechargeable battery Pack	54659

FIBERcat	Part No.
FC Adaptor	54654
SC Adaptor	54657

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