structured cabling products



Data networking solutions



Structured Cabling products supplied by KRONE. We also stock

additional data equipment and accessories from other leading industry suppliers.

total data solutions

Greenwoods Communications are known for the supply of products and turnkey services to the communications marketplace. Our commitment to providing our customers with goods of the highest standard means we only choose to work with suppliers of similar intention.

Our partnership with KRONE enables us to offer a range of data products renowned for their quality and performance. As part of the GenTek corporation, KRONE was established in 1928 in Germany and has grown to over 20 subsidiaries and 80 agents across 140 countries. KRONE UK, based in Cheltenham, is the largest KRONE subsidiary and houses a large research and development centre for the group with an excellent structured cabling test-bed facility.

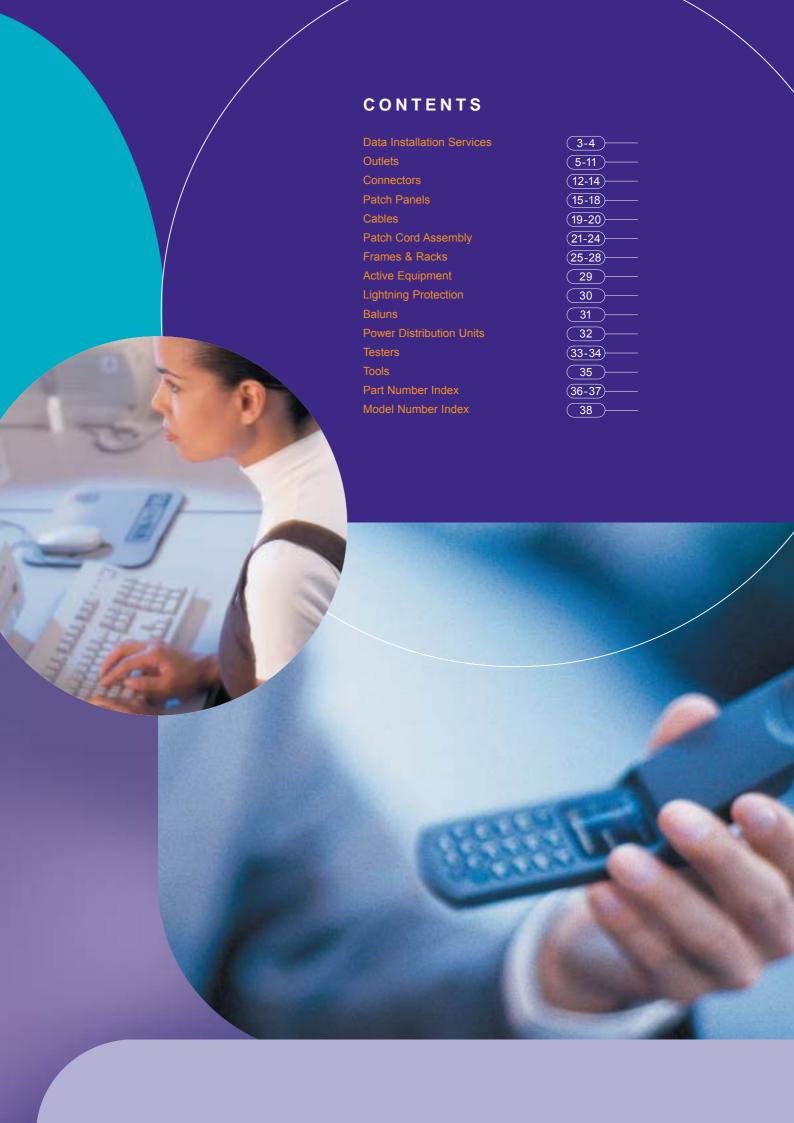


KRONE's PremisNET structured cabling solutions offer you a diverse range of products including unshielded or shielded products, punchdown modules, RJ45 and fibre with four different performance platforms.

KRONE maintains extremely high standards in the manufacturing of their products, and this reputation has made them first choice for data installers, network operators and OEMs both in the UK and internationally.







data installation services

The high-speed transfer of data around buildings, through cities, across countries and around the world is now of vital importance to businesses.

Data traffic is rapidly overtaking voice traffic, both on fixed and wireless networks. The integration of voice and data networks is a priority for both operators and businesses in the effort to maximise convergence and utilise IP services.

It is increasingly important that companies who supply network solutions are able to cater for both voice and data projects. Greenwoods Communications have over 10 years experience in the installation of telecom networks for operators and OEMs and are known for their highly skilled installation engineers, also have teams of data and IP engineers trained to the highest standards.

We offer the following data network installation solutions: Core Network Solutions and Enterprise Network Solutions

CORE NETWORK SOLUTIONS:

- · Network infrastructure build and connectivity at WAN POP centres
- Design and consultancy of core network
- Implementation of active equipment across all routing protocols
- Ability to implement managed power solutions
- · Wide experience of various active equipment, including Cisco and Juniper Networks
- · Test and commissioning of complete system
- Ability to troubleshoot problems on existing network



"Greenwoods Communications... are known for their highly skilled installation engineers,..."



data installation services



ENTERPRISE NETWORK SOLUTIONS:



- As a KRONE A.I. (Approved Installer) we can install premises data cabling backed with a 20 year install warranty on the complete installation
- · We are skilled in the design, installation and implementation of complete LAN solutions
- LAN installation includes Cat5/5e, Cat6 and Cat7 cabling
- We are experienced in the installation of active equipment including switches and routers
- Voice cabling and integration with PABX infrastructure





Our engineers are continually trained, both in our in-house training facilities and by external sources. Our reputation for expertise and professionalism results from our commitment to training and our high standards are recognised throughout the industry.



Outlets

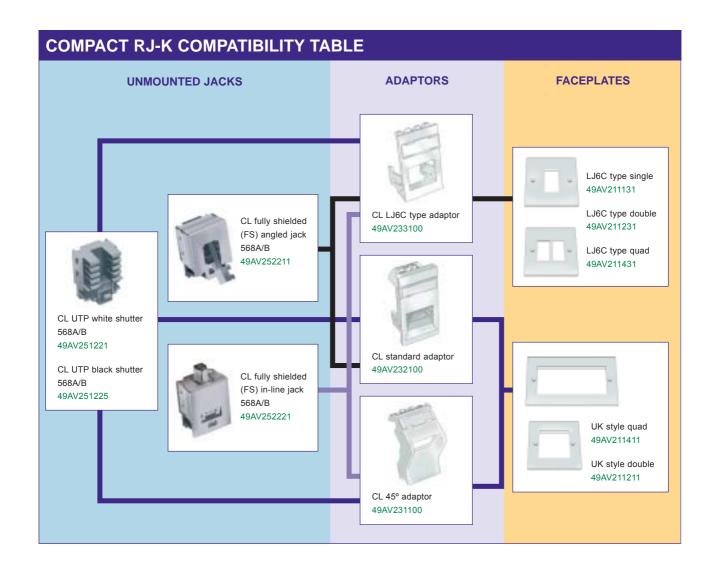
The range of KRONE jacks supplied by Greenwoods Communications comprise of three groups: *LN, CL and HK*. All products in these groups exceed the exacting perfomance requirements of Gigabit Ethernet, providing a built in headroom for network upgrades. Typical applications for all Cat5e and Cat6, Highband, HK, CL and LN product ranges are: 100 Base-T Fast Ethernet, 1000 Base-T Gigabit Ethernet, TP-PMD (CDDI) or 155.52 Mbps ATM.

CL series Cat5e and Cat6 low profile UTP and STP jacks come with a variety of adaptors and faceplates making it a truly modular product. Also available for patchpanel, compact floor or desk applications with individual port labelling system.

LN series Cat5e jacks are supplied ready loaded into a shuttered faceplate or patchpanel mount adaptor for quick and easy installation.

HK series Cat5e and Cat6 high density, high performance modular patch panels allow the use of 24 ports in 1U, complete with windowed labelling system. Available in UTP and STP.

All Cat5e, Highband, PCB, HK, CL and LN products are compliant to the following standards: ISO/IEC 11801, ANSI/TIA/EIA and EN50173.



RJ-K CL Jacks - Unshielded



Compact high performance jack providing a solution for floor box and faceplate applications where only a maximum depth of 17mm is available.

Adaptors and faceplates are available separately.

Description	Pack Quantity	Model Number	Greenwoods Part Number
CL UTP Unkeyed, white shutter, 568A/B	20	6540/1/200/01	49AV251221
CL UTP Unkeyed, black shutter, 568A/B	20	6540/1/201/01	49AV251225

RJ-K CL Jacks - Shielded



Compact high performance jack with fitted shutter and an enclosing metal casing to completely cover the rear of the jack. The angled cable shield connection is used in applications where the cable entry is from below the module/outlet and is at 45°.

Description	Pack Quantity	Model Number	Greenwoods Part Number
CL FS Jack, white shutter, 568A/B	20	6540/1/254/01	49AV252221
CL FS Jack, angled white shutter, 568A/B	20	6540/1/254/03	49AV252211

Compact RJ-K CL UTP Jacks	Compact RJ-K CL FS Jacks	
width = 21.5mm height = 30.4mm depth = 16.2mm	In-line width = 24.1mm height = 38.7mm depth = 18.0mm	Angled width = 24.1mm height = 30.4mm depth = 31.3mm

Outlets



RJ-K CL Adaptors

Range of adaptors to suit different faceplates. Jacks and faceplates available separately.



Description	Pack	Model	Greenwoods
	Quantity	Number	Part Number
LJ6C adaptor with window	20	6540/1/810/00	49AV233100
45° adaptor	20	6540/1/802/00	49AV231100
Standard (25mm x 50mm) adap	otor 20	6540/1/801/00	49AV232100

CL LJ6C Type	CL 45° Adaptor (25mm x 50mm)	CL Standard Adaptor (25mm x 50mm)
width = 24.8mm height = 38.5mm	width = 24.8mm height = 50.0mm	width = 24.8mm height = 50.0mm
depth = 17.7mm	depth = 25.3mm	depth = 17.0mm

LJ6C Faceplates



Single, double and quad UK faceplates. Jacks and adaptors available separately.

Description	Pack Quantity	Model Number	Greenwoods Part Number
LJ6C type single. Accepts 1xLJ6C adaptor.	10	6540/1/804/00	49AV211131
LJ6C type double. Accepts 2xLJ6C adaptors.	10	6540/1/803/01	49AV211231
LJ6C type quad. Accepts 4xLJ6C adaptors.	10	6540/1/805/00	49AV211431

UK Style Faceplates



UK style single and double gang faceplates. Jacks and adaptors available separately.

Description	Pack Quantity	Model Number	Greenwoods Part Number
UK style 50mm x 50mm surround (single gang).			
Will accept up to two 25mm x 50mm adaptors.	10	6540/1/806/00	49AV211211
UK style 50mm x100mm surround (double gang).			
Will accept up to four 25mm x 50mm adaptors.	10	6540/1/807/00	49AV211411

Outlet Accessories



Range of outlet accessories including blanks and backboxes.

Description	Pack Quantity	Model Number	Greenwoods Part Number
Blank insert designed to be used in UK 50mm x 50mm and			
50mm x 100mm faceplates where adaptors are not required	20	6540/1/801/01	49AV261100
LJ6C type blank insert designed to be used in			
LJ6C faceplates where adaptors are not required	20	6540/1/800/01	49AV262100
12.5mm x 50mm Insert	20	6540/1/801/04	49AV260100
UK Backbox, single white	10	6536/1/005/00	49AV271210
UK Backbox, double gang white	10	6536/3/044/00	49AV271220



Outlets



Fibre to the Desk Outlet

Outlets presenting 1,2 or 4 MT-RJ sockets for use in fibre-to-theuser applications. Fully managed double gang footprint for blown and conventional cabling systems. Supplied with adaptors, also available in ST and SC formats.

Description	Pack	Model	Greenwoods
	Quantity	Number	Part Number
Wall mounted MT-RJ quad outlet	single	7033/1/067/01	49AV201211

Fibre Outlets

A range of MT-RJ outlets are available for fibre-to-the-desk solutions. The modular nature allows mounting in floor boxes, desk trays or trunking. Please call Sales office for ST and SC versions.

Description	Pack	Model	Greenwoods
	Quantity	Number	Part Number
Double MT-RJ	single	7032/1/067/02	49AV201311
Quad MT-RJ	single	7032/1/067/04	49AV201411

RJ-K LN Single Outlet



UK style single faceplate featuring a high performance RJ-K LN unshielded modular jack.

Description	Pack Quantity	Model Number	Greenwoods Part Number
Single faceplate, white shutter	10	6538/1/111/13	49AV213111
Single faceplate, black shutter	10	6538/1/112/13	49AV213112

RJ-K LN Double Outlet



UK style faceplate featuring two high performance RJ-K LN unshielded modular jacks.

Description	Pack Quantity	Model Number	Greenwoods Part Number
Double faceplate, white shutter	10	6538/1/111/14	49AV213211
Double faceplate, black shutter	10	6538/1/112/14	49AV213311

RJ-K LN Mounting Adaptor and Jack



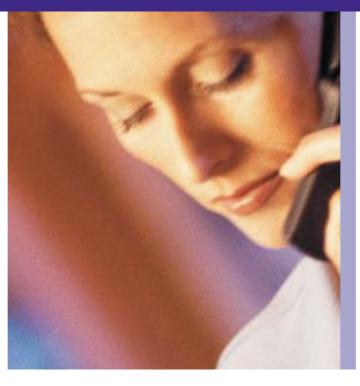
Mounting adaptor featuring a high performance RJ-K LN unshielded modular jack designed to 'snap-in' to a correctly dimensioned aperture.

Particularly suitable for underfloor applications.

Description	Pack	Model	Greenwoods
	Quantity	Number	Part Number
LN mounting adaptor, white shutter	10	6538/1/111/12	49AV253201

Outlets





Outlet Converters

Converters enable telecommunications equipment fitted with standard BT phone plugs to be connected to RJ45 based structured wiring systems.

Grey, white and black latch releases identify Full Master, PABX Master and Secondary converters respectively.

Full Master — For direct lines not routed via the PABX (Analogue).

PABX Master – For office extensions routed via the PABX (Analogue).

Secondary – For a second phone sharing a PABX extension number

or for use with a digital PABX (Digital).

Flying lead converter is ideally suited for use in floor boxes. Design of both standard and flying lead is robust and compact, with window covered reusable labelling. Guaranteed for over 750 insertions.



Description	Pack Quantity	Model Number	Greenwoods Part Number
ISDN flying lead (for termination			
of basic rate S-Bus)	10	6536/1/720/74	49AV271240
Standard 258A PABX Master	10	6536/1/601/16	49AV273150
Standard 258A PABX Full Master	10	6536/1/601/17	49AV274150
Standard 258A PABX Secondary	10	6536/1/601/18	49AV272150

Connectors

Standard Performance RJ45 Plugs

Standard performance plugs are suitable for Cat3 data, voice and high-speed networking applications. Accepts either solid or stranded cable 24-28 AWG.



Unshielded RJ45 plug

Description	Pack Quantity	Model Number	Greenwoods Part Number
Unshielded RJ45 plug	10	940-SP3088R-A133	46MH9001
Shielded RJ45 plug complete with			
management bar and shield ferrule	10	940-SP360808-A217	46MH9005



Cat5 Performance RJ45 Plugs

Stewart Connector's Cat5 modular plugs are designed to provide exceptional performance in Cat5 and Cat5e high-speed communication applications, when matched with a suitable system and cable. Accepts either solid or stranded Cat5 and Cat5e cable 24-28 AWG.



Cat5 unshielded RJ45 plug

Description	Pack Quantity	Model Number	Greenwoods Part Number
Cat5 unshielded RJ45 plug complete			
with cable management bar	10	943-SP370808M2	46MH9020
Cat5 shielded RJ45 plug complete with			
management bar and shield ferrule	10	943-SP370808SM2-A217	46MH9025



Cat5 shielded RJ45 plug

Connectors



Cat6 RJ45 Plugs

Stewart Connector's new Cat6 modular plugs exceed the requirements of Gigabit Ethernet and the proposed EIA/TIA Cat6 applications. High quality Cat6 plugs are the same size as traditional plugs, and are fully compatible with current Cat3, 4, 5 and 5e applications. Designed to accommodate 24 AWG solid or stranded cable, installation is simplified by the easy to use cable management bar and standard RJ45 crimp tools.

Description	Pack	Model	Greenwoods
	Quantity	Number	Part Number
Cat6 unshielded RJ45 plug			
with cable managment bar	10	SS-39100-002	46MH9030
Cat6 shielded RJ45 plug complete with			
cable management bar, shield ferrule and boot	10	SS-39200-006	46MH9040

Connectors

RJ45 Boots

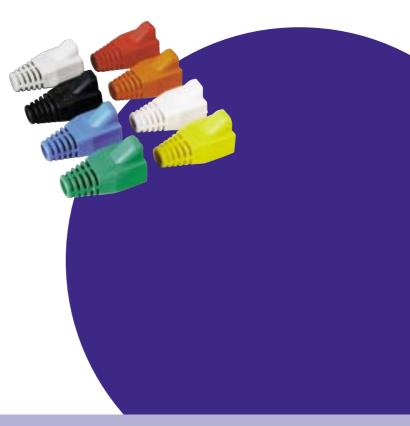
A range of plug boots with latch shroud. Design allows the plug to mate without interference from the jack shutter. Accepts cables with up to 6mm outer diameter.

Description	Colour of Product	Pack Quantity	Model Number	Greenwoods Part Number
RJ45 boot	grey	10	MHRJ45SRB-LG	49CJ0601
RJ45 boot	black	10	MHRJ45SRB-BK	49CJ0602
RJ45 boot	blue	10	MHRJ45SRB-B	49CJ0603
RJ45 boot	green	10	MHRJ45SRB-G	49CJ0604
RJ45 boot	red	10	MHRJ45SRB-R	49CJ0605
RJ45 boot	yellow	10	MHRJ45SRB-Y	49CJ0606
RJ45 boot	white	10	MHRJ45SRB-W	49CJ0607
RJ45 boot	orange	10	MHRJ45SRB-O	49CJ0608

Cat5 Strain Relief Boot

Strain relief boot designed specifically to suit our range of Cat5 shield and unshielded plugs.

Description	Colour of Product	Pack Quantity	Model Number	Greenwoods Part Number
Cat5 boot	grey	10	361010SRX225-A267	49MH0601
Cat5 boot	black	10	361010SRX225-A161	49MH0602



16 Way CL Patch Panel



19" 1U 16 way shielded patch panel with fixed jacks. Uses the angled shield connector with overall stainless steel lid. Supplied with fitted jacks, integral cable management and reusable label holders (colour coded labels available). Complete with fixings.

Description	Pack	Model	Greenwoods
	Quantity	Number	Part Number
16 way 1U shielded patch panel	single	6540/1/651/01	49AV224212

16 Way LN Patch Panel



19" 1U 16 way unshielded patch panel with fixed jacks. Integral cable management and re-usable label holder. Complete with fixings.

Description	Pack	Model	Greenwoods
	Quantity	Number	Part Number
16 way LN patch panel	single	6533/1/710/16	49AV224122

24 Way PCB Patch Panel





Description	Pack Quantity	Model Number	Greenwoods Part Number
24 way 1U unshielded patch panel	single	6527/1/607/24	49AV226172
24 way 1U shielded patch panel	single	6527/1/619/24	49AV226272

48 Way PCB Patch Panel



High density 19" 1.5U PCB patch panel with rear cover. Integral cable management and colour coded label strips. Complete with instructions and fixing kit.

Description	Pack Quantity	Model Number	Greenwoods Part Number
48 Port 1.5U unshielded patch panel	single	6527/1/630/00	49AV227172
48 Port 1.5U shielded patch panel	single	6527/1/632/00	49AV227272

24 Way Modular HK Patch Panel



24 port unshielded patch panel

High density 19" 1U unshielded or shielded patch panel. Integral cable management and covered labelling field. Complete with modular keystone jacks and fixings. Patch panel and outrigger termination rail should be used when installing this product.

Description	Pack Quantity	Model Number	Greenwoods Part Number
24 port 1U 568A/B unshielded patch panel	single	6690/1/402/24	49AV226132
24 port 1U 568A/B shielded patch panel	single	6690/1/412/24	49AV226135
Patch panel outrigger	single	6527/1/013/00	49AV0001
Patch panel termination rail	single	6540/1/627/00	49AV0005



Through Coupler Patch Panel

19" 1U 24 way patch panel, featuring RJ45 jacks on both front and rear. Colour coded label strips and fixings available.

Description	Pack	Model	Greenwoods
	Quantity	Number	Part Number
Through coupler patch panel	single	6527/1/623/24	49AV226140





Fibre Optic Patch Panel

19" x 1U fibre optic patch panel for use with standard cabling or blown fibre systems. 24 port MT-RJ sockets fitted. Please contact our Sales office for 4, 8, 12 or 16 port alternatives.

Description	Pack Quantity	Model Number	Greenwoods Part Number
MT-RJ 24 port 1U plastic patch panel (accommodates 48 fibres)	single	7033/1/076/24	49AV226310

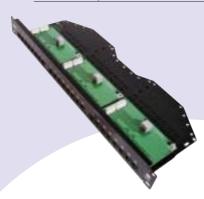
19" x 1U fibre optic patch panel for use with standard cabling or blown fibre systems. 24 port SC Duplex sockets fitted. Please contact our Sales office for Simplex and 4, 8, 12 or 16 port alternatives.

Description	Pack	Model	Greenwoods
	Quantity	Number	Part Number
SC Duplex 24 port plastic patch panel	single	7033/1/080/24	49AV226320

19" x 1U fibre optic patch panel for use with standard cabling or blown fibre systems. 24 port ST sockets fitted. Please contact our Sales office for 4, 8, 12 or 16 port alternatives.

Description	Pack	Model	Greenwoods
	Quantity	Number	Part Number
ST 24 port plastic patch panel	single	7033/1/082/24	49AV226330

ISDN 24 Way S-Bus Patch Panel



Supports up to 3 basic rate ISDN S-Buses, up to 8 ISDN devices on each Bus, therefore removing the need for dedicated ISDN outlets or ISDN terminated adaptors. Allows the ISDN service to be distributed to several outlets by patching over a structured cabling system. RJ45 presentation. Dimensions as per 24 way PCB patch panels.

Description	Pack	Model	Greenwoods
	Quantity	Number	Part Number
ISDN 24 way patch panel	single	6527/1/714/24	49AV226162

BALUN PATCH PANELS

19" Balun Patch Panels

19" rack mount balun patch panels accommodate various amounts of different style baluns.

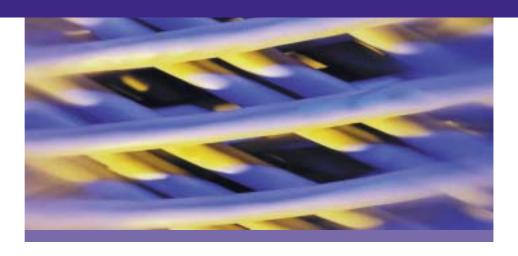


Description	Pack Quantity	Model Number	Greenwoods Part Number
1U balun patch panel for up to 16 style 13 balun units	single	PP1U16DE	99CG1000
2U balun patch panel for up to 24 style 13 balun units	single	PP2U24DE	99CG1002
2U balun patch panel for up to 16 style 3 balun units	single	PP/RJRJ/DE	99CG1004
2U balun patch panel for up to 16 style 18 balun units	single	PPBAS18	99CG1006





Cables



BOXED REELED

All box reeled data cable is supplied in Reelex II 305m length

Cat5e UTP 4 Pair

KRONE standard cable is used for high speed data transmissions for LANs, it will support Gigabit IEEE 802.3, IEEE 802.5 Token Ring, ATM 155 and others. Exceeds Cat5e requirements giving a stable and outstanding performance.

Description	Colour	Pack	Model	Greenwoods
	of Product	Quantity	Number	Part Number
UTP Cat5e 4 pair 305m. PVC sheath.	grey	305m reeled	SC5EV-GYII	06AV5004
UTP Cat5e 4 pair 305m. LSZH sheath.	orange	305m reeled	SC5EL-ORII	06AV5008

Twin Cat5e UTP 2x4 Pair

As standard Cat5e UTP 4 pair but with shotgun construction for ease of installation.

Description	Colour of Product	Pack Quantity	Model Number	Greenwoods Part Number
Shotgun UTP Cat5e 2x4 pair 305m. PVC sheath.	grey	305m reeled	SC5ET-GYII	06AV4004
Shotgun UTP Cat5e 2x4 pair 305m, LSZH sheath.	orange	305m reeled	SC5EW-ORII	06AV4008

Cat5e FTP 4 Pair

KRONE standard cable is used for high speed data transmissions for LANs, it will support Gigabit IEEE 802.3, IEEE 802.5 Token Ring, ATM 155 and others. Exceeds the general screening compliance with the electromagnetic compatibility requirements of EN55022 for structured cabling systems.

Description	Colour	Pack	Model	Greenwoods
	of Product	Quantity	Number	Part Number
FTP Cat5e 4 pair 305m. PVC sheath.	grey	305m reeled	SC5EF-GYII	06AV6004
FTP Cat5e 4 pair 305m. LSZH sheath.	orange	305m reeled	SC5EH-ORII	06AV6008

Cat6 UTP 4 Pair

KRONE standard cable is used for high speed data transmissions for LANs, this product gives you maximum future proofing of your passive structured cabling system. It will easily support Gigabit IEEE 802.3, IEEE 802.5 Token Ring, ATM 155 and others.

Description	Colour	Pack	Model	Greenwoods
	of Product	Quantity	Number	Part Number
UTP Cat6 4 pair 305m. PVC sheath.	grey	305m reeled	SC6V-GYII	06AV7004
UTP Cat6 4 pair 305m. LSZH sheath.	orange	305m reeled	SC6L-ORII	06AV7008

Cat6 FTP 4 Pair

KRONE standard cable is used for high speed data transmissions for LANs, it will easily support Gigabit IEEE 802.3, IEEE 802.5 Token Ring, ATM 155 and others. Exceeds the general screening compliance with the electromagnetic compatibility requirements of EN55022 for structured cabling systems.

Description	Colour of Product	Pack Quantity	Model Number	Greenwoods Part Number
FTP Cat6 4 pair 305m. PVC sheath.	grey	305m reeled	SC6F-GYII	06AV8004
FTP Cat6 4 pair 305m. LSZH sheath.	orange	305m reeled	SC6H-ORII	06AV8008

TrueNet Cat5eT Horizontal Cable

TrueNet Cat5e Horizontal PVC solid cable. Ultimate performance, finely tuned to impedance match KRONE jacks. LSZH also available, please contact our Sales office.

Description	Colour of Product	Pack Quantity	Model Number	Greenwoods Part Number
UTP Cat5eT 4 pair 24 AWG	grey	305m reeled	TN5ETR-GYRB	06AV9005
UTP Cat5eT 2x4 pair 24 AWG				
side by side web cable	grey	305m reeled	D4T54T5-GY02	06AV9007

TrueNet Cat6T Horizontal Cable

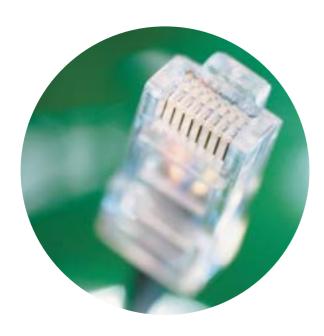
TrueNet Cat6 Horizontal PVC solid cable. Ultimate performance, finely tuned to impedance match KRONE jacks. LSZH also available, please contact our Sales office.

Description	Colour	Pack	Model	Greenwoods
	of Product	Quantity	Number	Part Number
UTP Cat6T 4 pair	grey	305m reeled	TN6TR-GYRB	06AV9001
UTP Cat6T 2x4 pair side by side web cable	grey	305m reeled	D4T64T6-GY02	06AV9003

Cat5e UTP Patch Cords

Range of Cat5e UTP RJ45 patch cords. Please contact our Sales office for details of Cat6 and other patch cords.

Description	Colour of Product	Pack Quantity	Greenwoods Part Number
Cat5e RJ45 UTP patch cord 0.5m	grey	single	49MH14100.5
Cat5e RJ45 UTP patch cord 1.0m	grey	single	49MH14101
Cat5e RJ45 UTP patch cord 2.0m	grey	single	49MH14102
Cat5e RJ45 UTP patch cord 3.0m	grey	single	49MH14103
Cat5e RJ45 UTP patch cord 5.0m	grey	single	49MH14105
Calse No43 of Fracti Cold 3.011	giey	Siligie	49111114103
Cat5e RJ45 UTP patch cord 1.0m	blue	single	49MH14301
Cat5e RJ45 UTP patch cord 2.0m	blue	single	49MH14302
Cat5e RJ45 UTP patch cord 3.0m	blue	single	49MH14303
Cat5e RJ45 UTP patch cord 5.0m	blue	single	49MH14305
Cat5e RJ45 UTP patch cord 1.0m	green	single	49MH14401
Cat5e RJ45 UTP patch cord 2.0m	green	single	49MH14402
Cat5e RJ45 UTP patch cord 3.0m	green	single	49MH14403
Cat5e RJ45 UTP patch cord 5.0m	green	single	49MH14405
Cat5e RJ45 UTP patch cord 1.0m	red	single	49MH14501
Cat5e RJ45 UTP patch cord 2.0m	red	single	49MH14502
Cat5e RJ45 UTP patch cord 3.0m	red	single	49MH14503
Cat5e RJ45 UTP patch cord 5.0m	red	single	49MH14505
Cat5e RJ45 UTP patch cord 1.0m	yellow	single	49MH14601
Cat5e RJ45 UTP patch cord 2.0m	yellow	single	49MH14602
Cat5e RJ45 UTP patch cord 3.0m	yellow	single	49MH14603
Cat5e RJ45 UTP patch cord 5.0m	yellow	single	49MH14605



Cat5e STP Patch Cords

Range of Cat5e STP RJ45 Patch Cords. STP patch cords are supplied fitted with matching colour boot. Please contact our Sales office if other options are required.

Description	Colour	Pack	Greenwoods
	of Product	Quantity	Part Number
Cat5e RJ45 STP patch cord 0.5m	grey	single	49MH34100.5B
Cat5e RJ45 STP patch cord 1.0m	grey	single	49MH34101B
Cat5e RJ45 STP patch cord 2.0m	grey	single	49MH34102B
Cat5e RJ45 STP patch cord 3.0m	grey	single	49MH34103B
Cat5e RJ45 STP patch cord 5.0m	grey	single	49MH34105B
Cat5e RJ45 STP patch cord 1.0m	blue	single	49MH34301B
Cat5e RJ45 STP patch cord 2.0m	blue	single	49MH34302B
Cat5e RJ45 STP patch cord 3.0m	blue	single	49MH34303B
Cat5e RJ45 STP patch cord 5.0m	blue	single	49MH34305B
Cat5e RJ45 STP patch cord 1.0m	green	single	49MH34401B
Cat5e RJ45 STP patch cord 2.0m	green	single	49MH34402B
Cat5e RJ45 STP patch cord 3.0m	green	single	49MH34403B
Cat5e RJ45 STP patch cord 5.0m	green	single	49MH34405B
Cat5e RJ45 STP patch cord 1.0m	red	single	49MH34501B
Cat5e RJ45 STP patch cord 2.0m	red	single	49MH34502B
Cat5e RJ45 STP patch cord 3.0m	red	single	49MH34503B
Cat5e RJ45 STP patch cord 5.0m	red	single	49MH34505B
Cat5e RJ45 STP patch cord 1.0m	yellow	single	49MH34601B
Cat5e RJ45 STP patch cord 2.0m	yellow	single	49MH34602B
Cat5e RJ45 STP patch cord 3.0m	yellow	single	49MH34603B
Cat5e RJ45 STP patch cord 5.0m	yellow	single	49MH34605B



Cat5e STP TruePatch Cords

TruePatch Cat5eT patch cords, 568B wired with fitted boot. Essential component in TrueNet Cat5eT system. Also available with Highband modules and various sheath colours. Please contact our Sales office for details.

Description	Colour of Product	Pack Quantity	Model Number	Greenwoods Part Number
TruePatch Cat5eT cord – RJ45 to RJ45 1m	grey	single	TP5ETA-GL04	49AV14101B
TruePatch Cat5eT cord – RJ45 to RJ45 2m	grey	single	TP5ETA-GL07	49AV14102B
TruePatch Cat5eT cord – RJ45 to RJ45 3m	grey	single	TP5ETA-GL10	49AV14103B
TruePatch Cat5eT cord – RJ45 to RJ45 5m	grey	single	TP5ETA-GL15	49AV14105B



Cat6 STP TruePatch Cords

TruePatch Cat6T patch cords, 568B wired with fitted boot. Essential component in TrueNet Cat6T system. Also available with Highband modules and various sheath colours. Please contact our Sales office for details.

Description	Colour of Product	Pack Quantity	Model Number	Greenwoods Part Number
TruePatch Cat6T cord – RJ45 to RJ45 1m	grey	single	TP6TA-GL04	49AV64101B
TruePatch Cat6T cord – RJ45 to RJ45 2m	grey	single	TP6TA-GL07	49AV64102B
TruePatch Cat6T cord – RJ45 to RJ45 3m	grey	single	TP6TA-GL10	49AV64103B
TruePatch Cat6T cord – RJ45 to RJ45 5m	grey	single	TP6TA-GL15	49AV64105B



MT-RJ Fibre Optic Patch Leads

Full range of fibre optic patch leads for both 50/125µm and 62.5/125µm fibre, MT-RJ to MT-RJ and hybrid assemblies with ST or SC connectors using low smoke mini-zip duplex cable. Please contact our Sales office for details of other available lengths (1 to 20 metres).

Description	Pack Quantity	Model Number	Greenwoods Part Number
MT-RJ to MT-RJ 1m patch lead 62.5/125µm	single	7023/1/023/01	51AV101101
MT-RJ to MT-RJ 1m patch lead 50/125µm	single	7023/1/033/01	51AV101201
MT-RJ to SC duplex 1m patch lead 62.5/125μm	single	7023/1/024/01	52AV151101
MT-RJ to SC duplex 1m patch lead 50/125µm	single	7023/1/037/01	52AV151201
MT-RJ to duplex ST 1m patch lead 62.5/125μm	single	7023/1/025/01	52AV201101
MT-RJ to duplex ST 1m patch lead 50/125μm	single	7023/1/035/01	52AV201201





APW HAVE RECENTLY LAUNCHED TWO REVOLUTIONARY NETWORKING CABINETS

IMnet Data Cabinet

The IMnet cabinet has been designed to assist network managers and installers who are experiencing a large increase in the required number of connections within a cabinet. IMnet's unique X Frame design and construction maximises the open area available to bring in cables, especially in the two areas most used for cable entry at the rear of the rack and at the sides (top or bottom).

IMNET FEATURES



IMnet is a multi-practice 19" and / or ETSI cabineting system designed to support and enhance the installation of the physical layer within networking installations.

- Supplied fully assembled and configured with accessories
- Outstanding cable volume
- Multiple cable entry
- · Vertical cable channels
- · Lightweight, for easy installation
- Load rated to 250kg
- · Right/left handed doors
- · Easily removed and refilled cladding
- Future proof can accommodate both 19" and ETSI equipment
- Accessories can easily be added or changed
- 4 height options 25U (45SU), 36U (65SU), 42U (75SU) and 47U (85SU)
- 2 Depth options 600mm and 800mm
- 2 Width options 600mm and 800mm
- Additional 100mm cabling spacers available between cabinets

MULTIPLE VARIATIONS OF THE IMNET ARE AVAILABLE.
PLEASE CALL TO DISCUSS YOUR REQUIREMENTS.



IMserv Server or Active Equipment Cabinet

Using the unique X Frame construction, IMserv has been designed to ensure computer servers and other active equipment can be safely and securely housed. This cabinet has been braced in certain areas to enable heavy loads to be contained. The IMserv cabinet is also equipped with a full security system to prevent unauthorised access to vital networking equipment.

IMSERV FEATURES



IMserv is a multi-practice 19" and / or ETSI enclosure designed to house and protect computer servers and any other mission critical active equipment.

- Supplied fully assembled and configured with accessories
- Very strong load rated to 500kg
- Accommodates all major servers on the market
- Future proofed can accommodate both 19" and ETSI equipment
- Unique door vent pattern to provide excellent thermal management
- Graded security to highest levels
- Application specific accessories
- 3 height options 25U (45SU), 42U (75SU) and 47U (85SU)
- 2 depth options 800mm and 1000mm
- 2 width options 600mm and 800mm
- · Additional 100mm cabling spacers available between cabinets

MULTIPLE VARIATIONS OF THE IMSERV ARE AVAILABLE. PLEASE CALL TO DISCUSS YOUR REQUIREMENTS.



Advanced Patching Frame (APF) II

19" modular open frame capable of accommodating up to 42 x 1U patch panels and / or active equipment. Supplied flat packed in 4 easily assembled parts, with 10 positionable cable management arms which fold out for easy patching maintenance. The modular design and construction allows frames to fit back to back, side to side or at right angles. Cabinet versions also available, supplied with side panels and either glass or steel lockable doors.

Description	Pack Quantity	Model Number	Greenwoods Part Number
Advanced Patching Frame (APFII) 42U, open,			
complete with 10 cable management arms.			
Dimensions (mm): 2232(height) x 985(width) x 501(depth)	single	6420/1/500/00	49AV301300







WALL MOUNTED CABINET

IMnet 310

The IMnet 310 wall mounted cabling enclosure complements the large IMnet rack by providing total all round cable access, as well as flexibility in panel mounting widths and easy baying for an expandable installation.

Description	Pack	Greenwoods
	Quantity	Part Number
7, 12 or 15U height and 400mm or 500mm depth.		Please contact
19", ETSI or metric panel mounting. Supplied flat packed.	single	Sales office

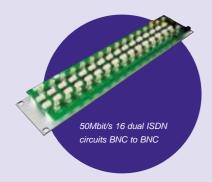
IMnet 410

The IMnet 410 is a fully welded wall mounted enclosure: cable friendly, stylishly attractive and quick and straightforward to install, even on irregular walls. Ventilation options, cable management and reversible lockable doors give network installers confidence that the enclosure environment is totally appropriate for optimum network performance.

Description	Pack	Greenwoods	
	Quantity	Part Number	
6, 9, 12 or 15U height and 400mm or 500mm depth.			
19", ETSI or metric panel mounting. Removable sides,		Please contact	
top and bottom covers for easy cable installation.	single	Sales office	

Active Equipment

Remote Access Test Panel (RATP)



The RATP provides an economical and cost effective solution for the management of ISDN Networks. The RATP provides the ability to remotely switch any of the 16 ISDN circuits from 'Line to Loop' via an on-board RS-232 serial port incorporated into a 19" patch panel from a central location to any installation in a network. Access is achieved via a communications port which can be connected to a terminal or terminal server. Simple menus allow the selection of circuits to be switched and configuration parameter changes. All access is password protected.

Description	Pack Quantity	Model Number	Greenwoods Part Number
	Quantity	rumboi	T dit Hamboi
50Mbit/s 16 dual ISDN circuits BNC to BNC	single	RATP BNC	99CG7001
50Mbit/s 16 dual ISDN circuits RJ45 to RJ45	single	RATP T45	99CG7003
2Mbit/s 16 dual ISDN circuits BNC to RJ45	single	RATP Balun	99CG7005

TPT2000 Modular Multi-Line Dialler



The TPT2000 2 to 8 line dialler uses the latest technology. Consisting of 2 line analogue and single ISDN line cards, hot swappable. Remote and local firmware upgrades, real time clock, management platform with call home and CDR. Simple to install, provides mixed media ISDN and analogue least cost routing. Modular and flexible design.

Description	Pack Quantity	Model Number	Greenwoods Part Number
TPT2000 offers ISDN and			
analogue least cost routing	single	TPT2000	99CG5000

NT1 ISDN Network Termination Unit



A convenient interface solution for subscriber ISDN equipment and the ISDN exchange line. The NT1 converts digital voice and data from the subscriber equipment into a 2B+D digital signal. Available as a single wall mount unit or 19" rack mountable holding up to 15 NT1 line cards.

Description	Pack Quantity	Model Number	Greenwoods Part Number
NT1 wall mount subscriber unit ISDN interface	single	TPT NT1/45/C1	99CG3001
NT1 multi-line 19" rack mount with power supply	single	TPT NT1/RM/PS	99CG3005
NT1 PCB for rack mounting	single	TPT NT1/BR	99CG3007
NT1 multi-line 19" rack mount subscriber unit interface	single	TPT NT1/RM	99CG3003



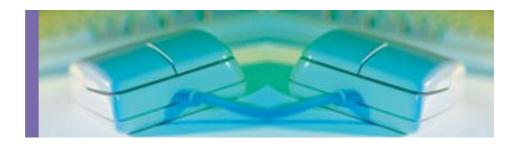
Lightning Protection



Subscriber Line Protector

BABT approved low profile 5 point protection providing enhanced high surge current protection. Units also provide low voltage protection of analogue or digital lines. Plugs directly into a BT237A protecting 10 pairs.

Description	Pack Quantity	Model Number	Greenwoods Part Number
Analogue line protection unit up to 144Kbit/s	single	TPT SLP10-K3F	99CG4001
Digital line protection unit for ISDN up to 8Mbit/s	single	TPT HSP10-K230	99CG4003



Baluns

G703 Telecom Baluns

A range of G703 baluns for Tx and Rx data carried via unbalanced 75 Ω transmission lines, to be converted into balanced 120 Ω twisted pair cable via RJ45 connectors. Customers specific requirements are met for ease of installation.



Type 43 to RJ45 wall mount style 2 balun

Description	Pack	Model	Greenwoods
	Quantity	Number	Part Number
Type 43 to RJ45 wall mount style 2 balun	single	TPT BA0243	99CG0002
BNC to RJ45 wall mount style 2 balun	single	TPT BA02BN	99CG0005
Type 43 to RJ45 style 3 balun	single	TPT BA0343	99CG0003
BNC to RJ45 style 3 balun	single	TPT BA03BN	99CG0009
Type 43 to RJ45 style 13 balun	single	TPT BA1343	99CG0017
BNC to RJ45 style 13 balun	single	TPT BA13BN	99CG0019
Type 43 flying leads to RJ45 style 18 balun	single	TPT BA1843	99CG0032
Type 43 to RJ45 style 20 balun for			
direct installation into DDF block	single	TPT BA2043	99CG0021



BNC to RJ45 wall mount style 2 balun



Type 43 to RJ45 style 3 balun



BNC to RJ45 style 3 balun



Type 43 to RJ45 style 13 balun



BNC to RJ45 style 13 balun



Type 43 to RJ45 style 20 balun for direct installation into DDF block



Power Distribution Units

Quantity

Model

Greenwoods

99CG2001 99CG2003 99CG2005 99CG2007

99CG2011

latest technology!

Intelligent PDUs for telecom and IT applications

19" Rack Mount Power Distribution Units (PDUs)

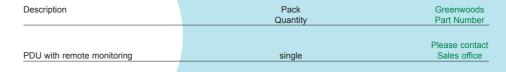
We offer a comprehensive range of PDUs with modular design conforming to national and international standards, to suit 19" cabinets. Please contact Sales office for international or IEC socket styles and other options including power monitoring and circuit breakers.

	Quartity	Harribor
Standard 4 way UK socket 19" horizontal mo	ount single	PDU UK RMH4
Standard 6 way UK socket 19" horizontal mo		PDU UK RMH6
Standard 6 way UK socket 19" vertical moun	nt single	PDU UK RMV6
Standard 8 way UK socket 19" vertical moun	nt single	PDU UK RMV8
Standard 10 way UK socket 19" vertical mou	unt single	PDU UK RMV10
Standard 12 way UK socket 19" vertical mou	unt single	PDU UK RMV12

Standard 8 way UK socket 19" vertical mount

Description

Power Distribution Units with remote energy monitoring provides Kw/Hr remote monitoring approved for IT and telecoms applications.

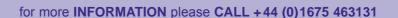


PDU with remote monitoring

Dinline Surge Diverter (Mains Power Surge Protection)

Provides 3 mode protection L-N, L-E, N-E 15kA, 15kA, 24kA 8/20µs, surge protection against lightning and other dangerous overvoltage transients, approved to BS6651, IEC 1643-1.





Testers

Tone & Probe Kit



KP100 is a multi-function Tone Generator with a high sensitivity Tone Tracer. Featuring low battery indicators, auto-off, consitent tone level over life of battery, easy select, three types and two levels of tone, low frequency filtering, choice and easy replacement of tips, volume control, headset jack, ergonomic handle, bright colour for easy location.

Description	Pack	Model	Greenwoods
	Quantity	Number	Part Number
Tone & Probe Kit	single	KP100	95ZZ0250

Talk-To-Me



Hands free personal comunications set that can be used in any wiring environment. Clip onto any pair of wires and up to four people can talk together. Battery low indicator, auto-off, ringing alert feature, handsfree, range to 1525 metres.

Description	Pack	Model	Greenwoods
	Quantity	Number	Part Number
Talk-To-Me	2 per box	TM100	95ZZ0255

LanRover



Low cost high performance Cat5 tester/analyser. Auto test-result shown in two seconds at both ends. Snap together case, auto-off, low battery indicator, tests for shorts, opens, miswires, reversals and split pairs, tone generator mode, debug mode, test to 305 metres.

Description	Pack	Model	Greenwoods
	Quantity	Number	Part Number
LanRover	single	TP500	95ZZ0260

LanRoverPRO with 8 remotes



Cat5 tester measures cable length as part of cable test or as stand-alone feature. Tests for shorts, opens, miswires, reversals and split pair errors. Multiple faults clearly displayed without need for interpretation on LCD. One-ended testing, built in multi-tone generator and 8 remote units for increased network testing capability. Auto on/off with long battery life. Supplied with handy carrying case.

Description	Pack	Model	Greenwoods
	Quantity	Number	Part Number
LanRoverPRO with 8 remotes	single	TP607	95ZZ0266

LanRoverPRO



As LanRoverPRO (shown above) but with single remote unit.

Description	Pack	Model	Greenwoods
	Quantity	Number	Part Number
LanRoverPRO	single	TP600	95ZZ0264

Tell-All



Compact unit identifies telephone and data lines. Suitable for 10 base-T, Token Ring and 100MBit systems. Auto on/off with built in battery.

Description	Pack	Model	Greenwoods
	Quantity	Number	Part Number
Tell-All indicator	single	TP100	95ZZ0262

Field kits and accessories are available - please call us for details

Cutter Stripper



An easy to use sheath stripping tool for data cable.

Description	Pack	Model	Greenwoods
	Quantity	Number	Part Number
Data cable stripper	single	E68-3002	55FF0205

Insertion Tool

Insertion tool for LSA IDC terminations. Inserts and crops wires simultaneously. Complete with extraction tool and stop clip.



otion	Pack Quantity	Model Number	Greenwoods Part Number
on tool	single	6417/1/810/02	55AV0001
able insertion tool	100	6417/1/830/00	55AV0005

RJ Plug Crimp Tool

Professional handtool for use with all established hardened die sets.



Description	Pack Quantity	Model Number	Greenwoods Part Number
RJ45 crimp tool	single	2980019-01	55MH0010
Die set for Cat5 and standard range shielded RJ45 plugs	single	2980020-01	55MH0015
Die set for standard range unshielded RJ45 plugs	single	2980036-01	55MH0017
Die set for Cat5 unshielded RJ45 plugs	single	2980039-01	55MH0019

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6540/1/805/00 6540/1/806/00	49AV211431 49AV211211	8	TP607 TP6TA-GL04	95ZZ0266 49AV64101B	23
6540/1/807/00	49AV211411	8	TP6TA-GL07	49AV64102B	23
6540/1/810/00	49AV233100	7	TP6TA-GL10	49AV64103B	23
6690/1/402/24	49AV226132	16	TP6TA-GL15	49AV64105B	23
6690/1/412/24	49AV226135	16	TPT BA0243	99CG0002	31
7023/1/023/01	51AV101101	24	TPT BA02BN	99CG0005	31
7023/1/024/01	52AV151101	24	TPT BA0343	99CG0003	31
7023/1/025/01	52AV201101	24	TPT BA03BN	99CG0009	31
7023/1/033/01	51AV101201	24	TPT BA1343	99CG0017	31
7023/1/035/01	52AV201201	24	TPT BA13BN	99CG0019	31
7023/1/037/01	52AV151201	24	TPT BA1843 TPT BA2043	99CG0032	31
7032/1/067/02 7032/1/067/04	49AV201311 49AV201411	9 9	TPT DSD155-2T	99CG0021 99CG6000	31 32
7033/1/067/01	49AV201211	9	TPT HSP10-K230	99CG4003	30
7033/1/076/24	49AV226310	17	TPT NT1/45/C1	99CG3001	29
7033/1/080/24	49AV226320	17	TPT NT1/BR	99CG3007	29
7033/1/082/24	49AV226330	17	TPT NT1/RM	99CG3003	29
940-SP3088R-A133	46MH9001	12	TPT NTI/RM/PS	99CG3005	29
940-SP360808-A217	46MH9005	12	TPT SLP10-K3F	99CG4001	30
943-SP370808M2	46MH9020	12	TPT2000	99CG5000	29
943-SP370808SM2-A217	46MH9025	12			
D4T54T5-GY02	06AV9007	20			
D4T64T6-GY02	06AV9003	20			
E68-3002 KP100	55FF0205 95ZZ0250	35 33			
MHRJ45SRB-B	49CJ0603	33 14			
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