



*Design & Equipment
Department*

engineering
components catalogue

edition 23

23

april 91 — october 91

*British Broadcasting Corporation
Engineering Directorate*

BUSINESS & INFORMATION ENQUIRIES?

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AVENUE HOUSE

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**The British Broadcasting Corporation
LONDON
W1A 1AA**

**Published April 1991
By Head of Design & Equipment Department**



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Prepared by Technical Information Section for Head of Engineering Resources Group.

Printed and Bound by Print Unit, E.T.D., Woodnorton
Photography by C.G.S. Photographers Ltd, Ewell and C.K. Bowers & Sons, Isleworth
Photo-typesetting by Kentchase Ltd. Uxbridge



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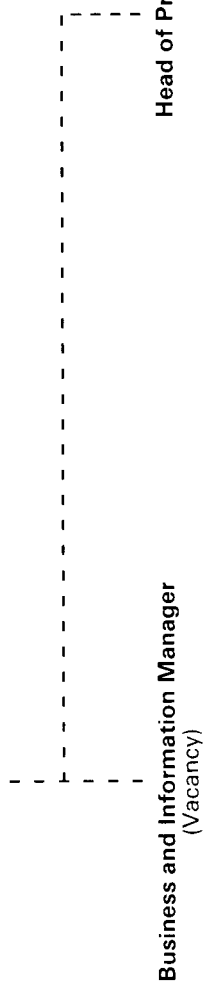
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A GUIDE TO BUSINESS & INFORMATION CONTACTS

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BBC Orders
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INFORMATION

The following information will help you to use this catalogue:

■ THE CATALOGUE

This is divided into five main sections.

- **New Products**
An illustrated guide to the new products available through Central Stores.
- **Components**
This main illustrated section covers electronic and electrical components, cable, connectors, computer media, tools and many other items for use by engineers.
- **Semi-Conductors**
This section covers in detail, the wide range of semi-conductors held in stock or available via our "Send-Direct" service. C.R.T.'s are also included in this section.
- **Maintenance Stock**
A range of items no longer readily available, stocked to assist in the maintenance of equipment installed throughout the BBC.
- **Enclosures & Equipment**
A wide range of enclosures, chassis systems, power supplies and other electronic equipment.

- **THE PRICES**

The prices are fixed for the duration of the catalogue - except on maintenance stock where the prices shown should be treated as a guide. The prices apply to BBC sales only. External customers will be given prices on application.

- **SAME DAY DESPATCH**

Orders placed by telephone, fax, telex or through your own terminal which reach Central Stores by 4.00 p.m. Monday to Friday, will, stock permitting, be despatched the same day for next day delivery.

- **PURCHASING SERVICES**

If you cannot see what you want in this catalogue, then our purchasing staff will assist any BBC departments to source and purchase a wide range of products - see Helplines.

- **PACT (Purchasing Against Contract Terms)**

Agreements have been established for a wide range of goods and services which reflect corporate purchasing power. They are designed to complement the products held in stock. Contact Corporate Purchasing Group on 081-747 4480 (A.H. 480) for more details.

- **TECHNICAL INFORMATION**

Where applicable essential, electrical and mechanical parameters (including chassis/PCB drilling and cut outs) are shown in the Engineering Components Catalogue. For further information please contact Technical Information Section on 081-747-4327 (AH 327).

- **OTHER SERVICES**

- Redundant Plant Disposal
- Office Supplies
- Repairs.

- Whilst great care is taken in preparing information, users should confirm critical parameters by reference to the Engineering Components Catalogue, Technical Information Manager and/or pre-production sample.

INFORMATION

■ HOW TO ORDER

- **BBC CUSTOMERS**
- SAME DAY DESPATCH
- By telephone to 081-747 4333 (A.H. 333)
- By fax no. (081) 995 4092
- By telex no. 265781 AVH

Please provide the following information:

1. The account to be charged.
2. Delivery Address.
3. For the Attention of "....."
4. CEMAST Number
5. Quantity.
6. Unit of supply

Important Note:

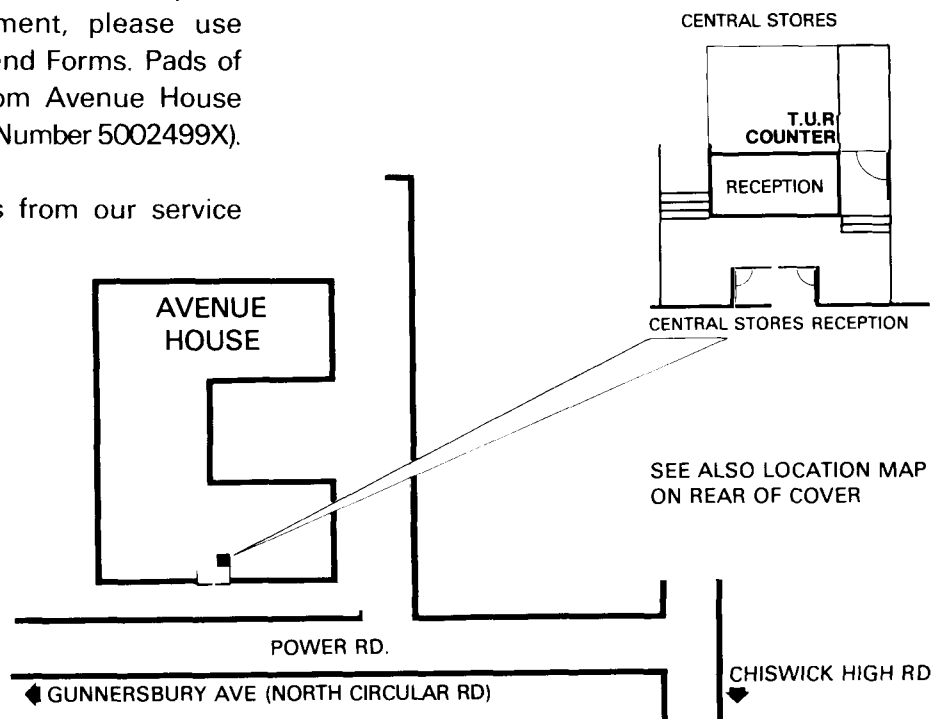
"Same-Day" requests which cannot be met from stock will not be put on "Back-Order" unless specifically requested.

- **On-Line Ordering**
Using your own main-frame terminal, P.C. or Micro you can check stock and place your order direct. For more details contact Val Brooks on 081-747 4245 (A.H. 245).
- For non-urgent, future or scheduled requirements and coded equipment, please use Central Stores (E.D.) Demand Forms. Pads of this form are available from Avenue House (Form no. ES 1701 - Cemast Number 5002499X).
- Collect your urgent needs from our service counter

■ HOW TO ORDER

- **EXTERNAL CUSTOMERS**
 - External sales of any item will attract an increased selling price.
 - Existing customers should send their orders to BBC Design & Equipment Department, Avenue House, Power Road, Chiswick, London W4 5PG,
Attn.: Sales Supervisor.
- or
- Telephone orders and price enquiries to 081-747 4300.
 - New customers should initially contact Assistant Stock Control Manager on 081-747 4342 (A.H. 342). Requests for written quotations for equipment should be made to the Senior Estimator on 081-4299 (A.H. 299).

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0009274	065	0017006	270	0021906	144	0027437	007	0047909	242
0009310	065	0017030	270	0021914	144	0027733	008	0047933	242
0009353	065	0017065	271	0021957	161	002916X	041	0048693	322
000937X	065	0017302	267	0021965	161	0029178	041	0048713	322
0009503	065	0017408	267	0021965	161	0029186	041	0048835	327
0009511	065	0018255	154	0021973	083	0029186	041	0048835	156
0009625	065	001843X	271	0021981	083	0029194	041	0048835	156
0009684	065	0018448	271	0022004	084	0029206	041	0049221	045
0009704	065	0018874	271	0022012	084	002931X	349	0049221	334
0009763	065	0018929	270	0022047	079	0029431	343	0049560	330
0009850	065	001897X	271	0022098	158	002944X	343	0049595	330
0009877	065	001897X	271	0022098	158	0030883	349	0049607	330
0009980	065	0019130	148	0022150	156	0030891	349	0049615	330
0009980	065	0019149	148	0022169	156	0031044	MS7	0049623	329
0010005	065	0019165	148	0022177	156	0031079	MS7	004964X	330
0010048	065	0019173	144	0022193	156	003183X	213	0049666	330
0010072	065	0019173	144	0022221	077	0032896	246	0051768	031
0010127	056	0019181	144	002223X	077	0033302	307	0051784	031
0010257	065	001919X	144	0022394	085	0033302	307	0051784	031
0010265	065	0019236	083	0022473	085	0033310	306	0051792	031
0010265	065	0019244	083	0022481	085	0033329	MS9	0051871	031
0010387	065	0019252	084	0022682	123	0033361	307	0051969	044
0010458	065	0019260	084	0023001	120	003337X	307	0051977	044
0010537	065	0019279	161	002301X	120	0033388	307	0051985	044
001072X	065	0019287	161	0023036	107	0033432	303	0051993	044
0010754	065	001934X	158	0023036	107	0033432	303	0051993	044
0010789	065	001934X	158	0023044	107	0033440	303	0052008	044
0010789	065	0019366	080	0023470	123	0033459	303	0052016	044
0010797	065	0019382	154	0023489	123	0033467	303	0052024	044
0010904	065	0019390	155	0023576	120	0033475	303	0052032	044
0010955	065	0019437	076	0023604	120	0033483	303	0052040	044
001098X	065	0019445	078	0023777	123	0033491	303	0052059	044
0010998	065	0019567	161	0023785	123	0033491	303	0052059	044
0011029	065	0019567	161	0023785	123	0033503	303	0052067	044
0011175	065	001962X	080	0023943	123	0033625	308	0052075	044
0011203	065	0019654	084	0023951	123	0033633	308	0052083	044
0012180	066	0019662	084	0024033	002	0033755	309	0052091	044
0013232	058	0019977	106	0024104	MS2	0033755	308	0052103	044
0013283	059	0019985	106	0024147	123	0034405	337	0052111	044
0013283	059	0019993	119	0024163	122	0034622	340	005212X	044
0014682	MS7	002000X	118	0024163	122	0034630	340	0052217	045
0014702	MS7	00200294	122	0024400	MS2	0034630	340	0052217	045
0014710	193	0020294	122	0024427	MS2	003471X	340	0052225	045
0014753	MS7	0020314	122	0024679	123	0037510	310	0052233	045
		002039X	118	0024687	123	0039156	041	0052241	045

Orders AH.333 or 081—747 4333

INTRODUCTION

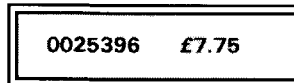
ENGINEERING COMPONENTS CATALOGUE

This is the Twenty-Third edition of the *Engineering Components Catalogue*, and contains details of stock items currently available from the Corporate Store.

An extensive appraisal and review of the products stocked has been undertaken. Consistent with the need to concentrate resources on the key services required by customers, the range of components held in stock will be considerably reduced. The 'slim line' profile is designed to be responsive to the demands of customers, and will be more adequately suited to meet the changing needs of Directorates and Departments.

DISCONTINUED ITEMS

Where products are being removed from the stock profile, they are highlighted in the Cemast No/Price box accordingly:



Any such items will be available 'Whilst stocks last'.

Where ranges of products have been withdrawn from the catalogue, Corporate Purchasing Group have established PACT (Purchase Against Corporate Terms) agreements. These ensure that all customers obtain good value for money, benefitting from the BBC's purchasing power, which is reflected in the prices and discounts negotiated. Look for the PACT logo in the catalogue, it indicates where agreements have been established. 'Compact', the Corporate Purchasing Newsletter, keeps customers fully informed of PACT developments. Where ranges are being run down, we are attempting to have agreements in place to maintain continuity when stocks are exhausted.

Prices will be held for the duration of the period covered by the catalogue. ★THESE PRICES ARE APPLICABLE TO INTERNAL BBC SALES ONLY★. External sales of any item will attract an increased selling price, unless supplied against a current BBC contract. Contact the Purchasing & Supply Manager, Ext. 280, for details.

Where applicable essential electrical and mechanical parameters (including chassis/P.C.B. drilling and cut-outs) are detailed. For further information on components reference should be made to the Technical Information Section.

Separate sections list Maintenance Stock and Semiconductors

Whilst great care is taken in preparing information users should confirm critical parameters by reference to the Technical Information Section D. & E.D. pre-production samples.

Orders AH.333 or 081—747 4333

COMPONENTS

ILLUSTRATED SECTION

The key shown below details the status of some items which appear in this catalogue.

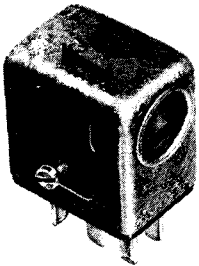
- △ Available whilst stocks last
- Non-stock item (where items in this category are shown 'P.O.A.', prices may be obtained by calling AH 333).

Orders AH.333 or 081—747 4333

ATTENUATORS

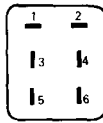
AUDIO ATTENUATORS PLUG-IN (20221)

SQUARE NETWORK

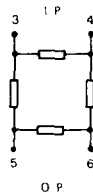


L 25.4 D 21.8 H 27.8

SCHEMATIC



PIN CONNECTIONS



INPUT RESISTANCE: 600Ω
 OUTPUT RESISTANCE: 600Ω
 TOLERANCE: 1%
 MAX. I/P LEVEL: 10V r.m.s.
 FREQUENCY RANGE: d.c.-15kHz
 INSULATION RESISTANCE: 50MΩ

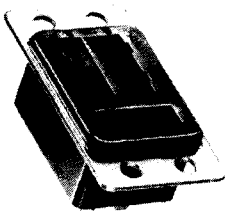
ATTENUATION

6dB
 10dB
 16dB

■0214843	P.O.A. ■
■021486X	P.O.A. ■
■0485400	P.O.A. ■

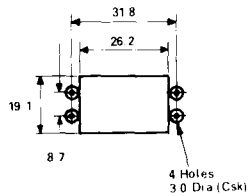
SOCKET

TO SUIT ABOVE PLUG-IN
ATTENUATORS



L 38.0 D 20.0 H 18.0

ALL MAX.

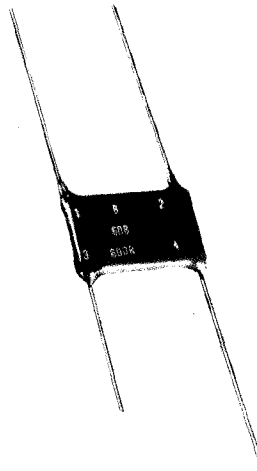


MOUNTING

0024033	1.45
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WIRE ENDED (20242)

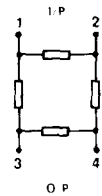
SQUARE NETWORK



L 13.5 D 12.7 H 2.0

ALL MAX.

SCHEMATIC



INPUT RESISTANCE: 600Ω
 OUTPUT RESISTANCE: 600Ω
 TOLERANCE: 2%
 MAX. I/P LEVEL: 10V r.m.s.
 FREQUENCY RANGE: d.c.-15kHz
 INSULATION RESISTANCE: 50MΩ

ATTENUATION

2dB
 6dB
 10dB

0376809	£2.80
0376817	£2.80
0376825	£2.80

INLINE (20210)



CONTACTS:
INSERT:
SHELL:

BRASS, SILVER PLATED
 GREY MOULDED PLASTIC/RUBBER
 COMPOUND
 ZINC ALLOY, NICKEL/SILVER PLATED

CONTACT RESISTANCE:
TEMPERATURE RANGE:
MAX. INPUT POWER:

<2mΩ
 -65° TO +120°C
 0.125W

ATTENUATION ACCURACY ±2dB WHEN ATTENUATOR
TERMINATED IN 150Ω TO 200Ω

IMPEDANCE

ATTENUATION

200Ω IN/200Ω OUT	10dB
600Ω IN/600Ω OUT	10dB
200Ω IN/200Ω OUT	20dB
600Ω IN/600Ω OUT	20dB
600Ω IN/600Ω OUT	50dB

200Ω IN/200Ω OUT	60dB
600Ω IN/600Ω OUT	60dB
Hi-Z IN/600Ω OUT	50dB
Hi-Z IN/600Ω OUT	60dB
PHASE REVERSAL	0dB

COUPLER

0461287	22.00
0499124	22.00
0461295	22.00
0499132	22.00
0499140	22.00
0467911	22.00
0499159	22.00
0499167	22.00
0499175	22.00
049989X	7.05

Orders AH.333 or 081-747 4333

CABLES

CABLE & WIRE REFERENCE TABLE

BBC TYPES:

CODE	STD Ref.	PAGE
PIF7/7M	17356	13
PIF8/1M	17368	12
PIF11/1M	16367	11
PIF14/2M	17360	14
PIF14/3M	15445	18
PIF20/1M	17365	MS.2
PIF20/2M	15466	18
PIF28/1M	15481	18
PIF36/1MD	17361	11
PIF40/1M		11
PIF44/1M	17366	12
PIN10/3M	12102	19
PIN20/3M	12102	19
PSF1/1M	12060	20
PSF1/2M	17352	13
PSF1/3M	17350	13
PSF1/4M	17221	14
PSF1/6M	17320	15
PSF1/7M	17355	13
PSF1/8M	17356	13
PSF1/9MA	17353	12
PSF1/9MB	17353	12
PSF1/9MC	17353	12
PSF1/10M	17222	15
PSF2/9M	15873	16
PSF2/11M	12502	23
PSF3/1M	12351	22
PSF3/2M	12351	22
PSF4/1M	15411	17
PSF4/2M	12355	22
PSF5/1M	15413	17
PSF6/1M	12361	22
PSF7/1M	15420	17
PSF8/1M	12363	22
PSF8/2M	12391	23
PSF10/2M	12529	24
PSF12/1M	12391	23
PSF20/1M	12391	23
PSF20/2M	12529	24
PSF26/1M	12391	23
PSF38/1M	12391	23
PSF40/2M	12529	24
PSF60/1M	12391	23
PSN2/2M	12504	24
PSN2/3M	12406	21
PSN2/4M	12403	21
PSN10/3M	12408	21
PSN15/1M	12306	20
PSN18/1M	12481	12
PSN20/4M	12408	21
PSN30/1M	12306	20
PSN32/1M	12408	21
PSN40/2M	12408	21
PSN50/3M	12408	21
PSN100/2M	12408	21
PSN200/2M	12408	21
PRF10/1M	14603	25
PRF10/2M	14604	25
PRF16/1M	14603	25
PRF16/2M	14604	25
PRF20/1M	14603	25
PRF20/2M	14604	25
PRF26/2M	14604	25
PRF40/1M	14603	25
PRF40/2M	14604	25
PRF50/2M	14604	25

CODE	STD Ref.	PAGE
PRF64/2M	14604	25
PRTF20/3M	14605	25
PRTF10/3M	14605	25
PRTF26/3M	14605	25
PRTF40/3M	14605	25
PUF1/2M	14751	30
PUF1/3M	14708	29
PUF1/5M	14739	30
PUF1/6M	14720	30
PUF1/7M	14790	31
PUF3/1M	16754	26
PUF3/3M	14820	30
PUN1/1M	14626	29
PUN2/2M	14816	29
PUWR1/2M	14611	28
RSF3/1M	16378	28

COMMERCIAL TYPES

CODE	STD Ref.	PAGE
0776	12503	23
BT-CW1257		28
BT-CW1308	11840	20
DRM68	17580	16
RG174U	17215	14
RG214		14
URM43	17229	15
URM57	17253	15
URM110	17213	14
URM111	17249	15
URM202	17254	15
URM203	17255	16

POWER SUPPLY CORDS (BASEC APPROVED)

RATING	STD Ref.	PAGE
3A	16757	26
3A	16758	26
6A	11706	27
6A	16767	26
6A	16768	27
10A	11710	27
10A	16771	26
10A	16772	28
15A	11715	27
15A	16780	27
15A	16782	28
20A	11716	27

MISCELLANEOUS

DESCRIPTION	STD Ref.	PAGE
COAX CABLE		
OFFICE RING MAIN	17256	16
DATA CABLE		
LAN COAX	17223	18
LAN DROPCABLE	12600	19
2 PAIR SCREENED	12508	19
1 PAIR SCREENED	12401	19
EARTHING WIRE		
	14791	31
	14792	31
MICROPHONE CABLE		
2 CORE, FLEXIBLE		16
2 PAIRS, FLEXIBLE		17

Orders AH.333 or 081—747 4333

CAMERA
CAMERA
PIF36/1M



CROSS SEC

CONDUCTORS:
COAXIAL, 3 CO
SINGLE INSULA
UNSCREENED D
SCREENED QU
UNSCREENED D
SCREENED MU

* CORES 6, 12,
SCREENS -
FOR ELEMENT
WITH LAMINA
OVERALL SCR

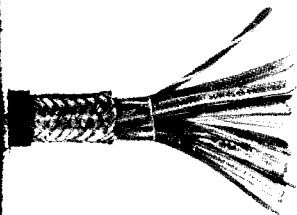
COAXIAL COR
IMPEDANCE:
CAPACITANCE
ATTENUATION

MAXIMUM O
COAXIAL COR
CORES IN ELE
CORES 6, 12,
CORES IN HE

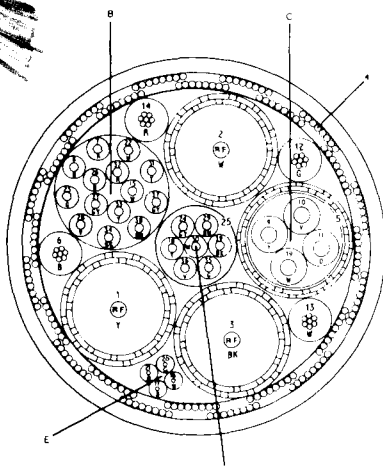
VOLT DROP F
MINIMU
CORE COLO
ELEMENTS F
ELEMENTS
ELEMENT E
ELEMENT C
ELEMENT B
ELEMENT D
OVERALL E
MASS
P
FOR PR
CONTA

CABLES

CAMERA CABLE CAMERA CONNECTION (17361) PIF36/1MD (TV36)



CROSS SECTION OF CABLE



CONDUCTORS:-

AXIAL, 3 CORES:	0.46	ELEMENTS R.F.
SOLE INSULATED WIRE, 4 CORES:	7/0.2	ELEMENTS*
SCREENED QUADRUPLE:	0.3	ELEMENT E
SCREENED QUADRUPLE:	7/0.32	ELEMENT C
SCREENED MULTIPLE, 14 CORES:	0.3	ELEMENT B
SCREENED MULTIPLE, 7 CORES:	0.3	ELEMENT D

CORES 6, 12, 13 and 14

SCREENS:-

ELEMENTS C (CORE No 5)	16/8/0.1
ELEMENTS D (CORE No 25)	7/0.2 DRAIN CONDUCTOR
LAMINATED ALUMINIUM AND P.C.T.P. TAPE	
WALL SCREEN (CORE 4/SHELL)	24/11/0.14

AXIAL CORES ELEMENTS R.F.

IMPEDANCE:	75Ω
CAPACITANCE:	67pF/m
ATTENUATION:	1.5dB/100m AT 1MHz
	17.0dB/100m AT 100MHz

MINIMUM OPERATING VOLTAGES & CURRENTS AT 50°C	
AXIAL CORES:	1.2kV PEAK 1.0A r.m.s.
CONDUCTORS IN ELEMENTS B, D, E:	400V d.c. 0.5A d.c.
CONDUCTORS 6, 12, 13 & 14:	1.0kV d.c. 1.0A d.c.
CONDUCTORS IN HEAVY DUTY ELEMENT C:	250V r.m.s. 2.0A r.m.s.

VOLT DROP PER HEAVY DUTY CORE 38mV/A/m

SHEATH COLOUR BLACK

MINIMUM BENDING RADIUS 140 mm

COLOURS:-

ELEMENTS R.F.:	1: YELLOW	2: WHITE	3: BLACK
ELEMENTS:	6: BLUE	12: GREEN	13: WHITE
ELEMENT E:	14: RED	17: BLUE	20: GREEN
ELEMENT C:	21: RED	10: VIOLET	11: ORANGE
ELEMENT B:	9: YELLOW	7: RED	22: WHITE
	19: WHITE	37: GREY	38: BROWN
	8: BLUE	28: VIOLET	23: GREEN
	31: YELLOW	32: RED	15: WHITE
	34: BLACK	27: GREY	29: BROWN
	26: BLUE	24: GREY	35: GREEN
	33: YELLOW	35: GREEN	36: VIOLET
	18: YELLOW		
	39: BLACK		
	30: WHITE		

WALL DIAMETER 17.5
410 kg/km

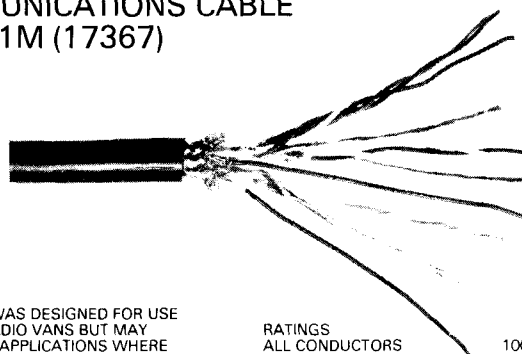
SHEATH

PVC (ARCTIC GRADE) D

0443014 £8.15/metre

PRICES OF TERMINATED LENGTHS OF THIS CABLE PLEASE CONTACT D. & E.D. ESTIMATOR ON AH 299.

CABLE COMMUNICATIONS CABLE PIF11/1M (17367)



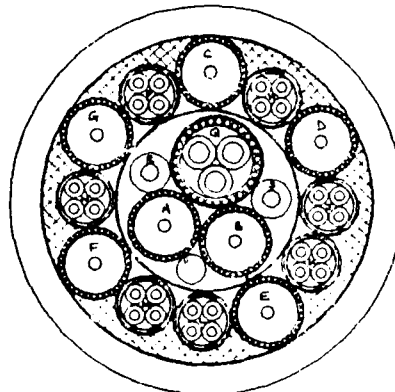
THIS CABLE WAS DESIGNED FOR USE ON LOCAL RADIO VANS BUT MAY HAVE OTHER APPLICATIONS WHERE MICROPHONE, TALKBACK, HEADPHONE CIRCUITS ARE REQUIRED.

RATINGS	100V
ALL CONDUCTORS	1A
	100Ω/km
MIN. BENDING RADIUS	100mm
MIN. COILING DIA.	250mm
CABLE DIA.	10.0mm
SHEATH COLOURS	GREEN
MASS	132kg/km

CONSTRUCTION
THE CABLE PROVIDES THE FOLLOWING -
1. QUAD, SCREENED
2. PAIRS, SCREENED
3. SINGLE CONDUCTORS
SCREENED OVERALL

0625280 1.95/metre

CAMERA CABLE PIF40/1M (MK. VII CAMERA CABLE)



CONSTRUCTION:

THE SYSTEM PROVIDES THE FOLLOWING:

7 COAXIAL ELEMENTS	1 POWER SUPPLY ELEMENT
7 QUAD ELEMENTS	2 SINGLES (PILOT CONDUCTORS)

RATINGS:

COAX:	IMPEDANCE: 75Ω	QUADS:	VOLTAGE: 100V
A-G	CAPACITY: 54pF/M	H-P:	CURRENT: 1A
	ATTENUATION: 2.2dB/100M AT 5 MHz		CAPACITY: 140pF/M
	3.0dB/100M AT 10MHz		
POWER:	VOLTAGE: 300/500V	SINGLES:	VOLTAGE: 300V
O:	CURRENT: 5A	R-S	CURRENT: 3A
	VOLT DROP: 56mV/A/m		
	CABLE DIA: 21.0		
	SHEATH COLOUR: GREY		
	MASS: 500kg/km		

SHEATH: ARCTIC GRADE PVC

0636282 P.O.A.

TERMINATED CABLE ASSEMBLY ORDERING INFORMATION

PIF40/1M TERMINATED ASSEMBLIES SHOULD BE ORDERED BY SPECIFYING THE CABLE LENGTH AND THE TYPE OF CONNECTOR REQUIRED AT EACH END, ie. PLUG OR SOCKET FOR PRICES OF TERMINATED ASSEMBLIES CONTACT EXTENSION 310 AH CUSTOMER SALES.

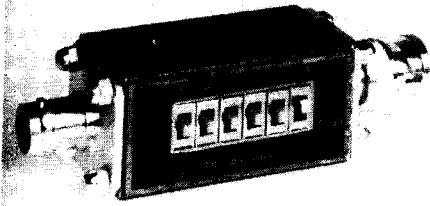
NOTE THAT CABLE AND CONNECTORS CANNOT BE ORDERED SEPARATELY.

NOTE: CABLE CANNOT BE TERMINATED OR RE-TERMINATED LOCALLY.

Orders AH.333 or 081-747 4333

DELAY LINES

MINIATURE SWITCHED DELAY LINES



IMPEDANCE: 75 OHMS
INSERTION DELAY: 5nS NOMINAL (WITH TRIMMER IN OPTIMUM POSITION)
FREQUENCY RESPONSE: ±0.1dB TO 5MHz
 ±0.15dB 5-5.5MHz
RETURN LOSS: BETTER THAN -28dB 100 KHz-5.5KHz (WITH TRIMMER IN OPTIMUM POSITION)
RIPPLE: ±0.2dB 100KHz-5.5MHz
INSERTION LOSS: 0.5dB/100nS MAX
TEMPERATURE CO-EFFICIENT: 100 p.p.m./°C MAX
OPERATING TEMP: -20°C TO +80°C
WORKING VOLTAGE: 5V d.c.
DIMENSIONS: 92 (OVERALL) · 25.4 25.4mm

80-40-20-10-5 2.5nS (180°)
WITH ±2.5nS TRIMMING SECTION

0634509 £117.11

160 80-40-10-5-2.5nS (360°)
WITH ±2.5nS TRIMMING SECTION

0636416 £180.17

Page 190,

PULSE DELAY LINE

1 μS (21922)

TAPPED

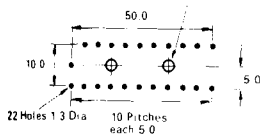


W 60.5 D 22.5 H 12.5

TOTAL DELAY: 1μS · 2%
SECTION DELAY: 50nS (20 SECTIONS)
IMPEDANCE: 500Ω · 10%
RISE TIME: 100nS MAX
TEMP. COEF: < -0.05%/°C
VOLTAGE WORKING: 10V d.c. OR a.c. PK MAX
CURRENT RATING: 20mA DC
TEMP. RANGE: -10°C TO +85°C
USE: DIGITAL SYSTEMS

PCB DRILLING 2 Holes 2.5 Dia

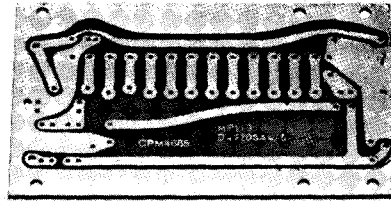
VIEW FROM COMPONENT SIDE OF BOARD



020961X £24.50

ACCESSORIES

P.C.B. MOUNTING BOARDS
FOR CH2/6 OR CH1/65



Printed Circuit Board for mounting delay lines. Two will fit in a 2U Equaliser chassis CH2/6 or 2U chassis CH1/65. Printed circuit board is unequipped but drilled for assembly as required on installation. Can accommodate 1 × 5-155nS plus 1 × 200nS or 2 × 200nS or 1 × 500nS. 95mm × 55mm. Printed circuit board.
DD1976. DDMI8.570. DDHB 8.344(77).

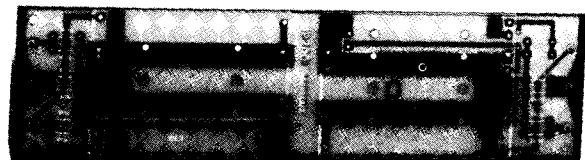
DELAY LINES

5-155nS Cemast No. 0209573 (21921)
 200nS Cemast No. 0209581 (21921)
 500nS Cemast No. 020959X (21921)

MP1/3

0379685 £5.10

FOR CH1/80



Delay Line Mounting. Accommodates one or two 1 μS delay lines Cemast No. 0209601 on printed circuit board for fitting in CH1/80. Occupies two positions in CH1/80, one above the other. If mounted in front positions the two sections can be U-linked together or used as separate sections. Power requirements passive. Printed circuit board 290mm × 190mm approximately. DD1979.

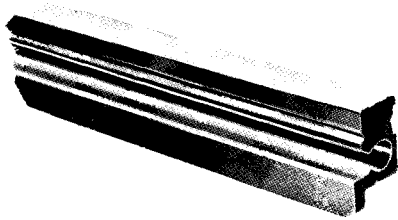
MP2/10

0421037 £24.00

Orders AH.333 or 081-747 4333

MATERIALS

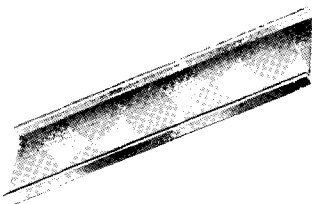
MATERIALS BMMS CHASSIS RUNNER (60354)



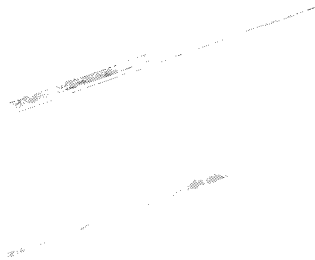
ALUMINIUM, RAW, GRADE HE30 TF
SUPPLIED IN 3M LENGTHS

0326680 £1.40

DUMMY PANELS (60356) (EXTRUSIONS)



1u HEIGHT



2u HEIGHT

SUPPLIED WITH PROTECTIVE PRE-ANODISATION BUT REQUIRES
FURTHER ANODISATION AFTER CUTTING ETC.

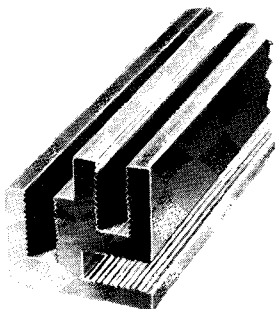
2.8 THICK ALUMINIUM ALLOY
GRADE HE9TF & AA6063TF

L	FLANGE	H		
3.0m	7.5	44.0	- 1u	0412143 £7.00
3.0m	7.5	88.5	- 2u	0412151 £12.00

0412143 £7.00
0412151 £12.00

REINFORCING BAR (60357) FOR DUMMY PANELS ETC

SUPPLIED IN 2M LENGTHS



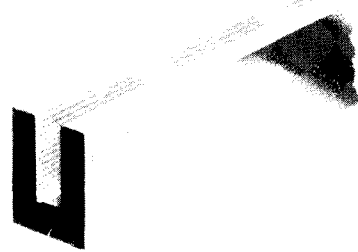
ALUMINIUM ALLOY
GRADE HE9

0416481 £1.65

M3 THREAD
3 PLACES



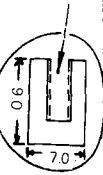
REINFORCING BAR (60357)



AVAILABLE IN 2M LENGTHS.
ALUMINIUM ALLOY HE 9

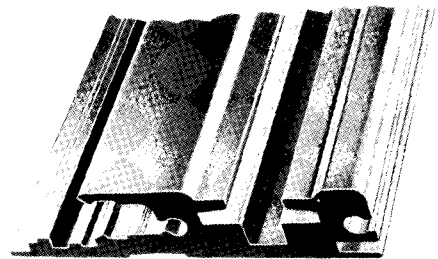
0470292 £3.00

M2.5 THREAD



TO ALLOW THE CONSTRUCTION OF SPECIAL
ITEMS THE SECTIONS OF THE BMMS SYSTEM
ARE AVAILABLE AS FOLLOWS:-

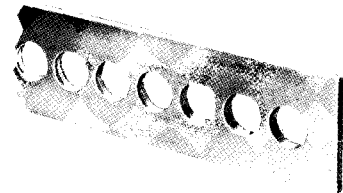
FRONT HORIZONTAL (60352)



ALUMINIUM, RAW, GRADE HE9.TF
SUPPLIED IN 3M LENGTHS

0328161 £9.55

GUIDE LOCATING STRIP (65102)



MILD STEEL, BRIGHT ZINC PLATE FINISH
GRADE EN.2B
SUPPLIED IN 644.9 LENGTHS

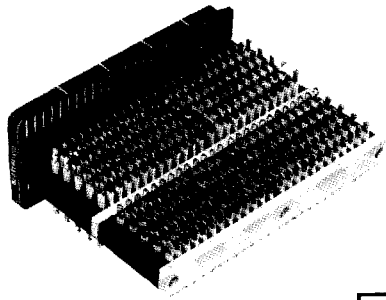
0359493 £2.20

Orders AH.333 or 081-747 4333

TAGS & TERMINALS

TERMINALS CONTD 250 WAY (28722)

IN ROWS OF 25



MOUNTING
AS FOR
80/200 WAY
FITTED WITH HEAT SLEEVES

L 164.3 H 65.1 D 138.1

TERMINAL BLOCK
REPLACEMENT 8MM SLEEVES
REPLACEMENT 4MM SLEEVES

0210209	£12.50
0628763	£0.01
0628755	£0.01

ACCESSORIES SCREWS (35556)

M5 × 20.0

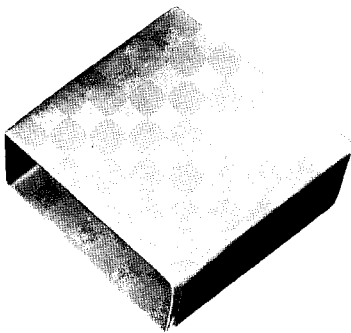
0346592	£0.20/25
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WASHERS (38557)

M5

0261075	£0.05/25
---------	----------

COVER

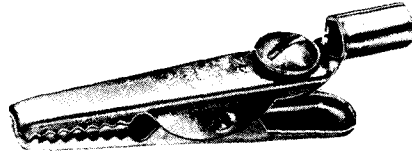


W 160.0 H 145.0 D 70.0

FOR 200 & 250 WAY
TAG BLOCKS

0239203	£0.95
---------	-------

CLIP ON TERMINAL CROCODILE CLIP

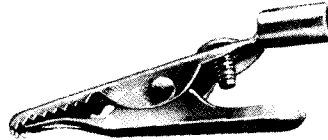


UNINSULATED
CURRENT RATING 5A

0037510

CROCODILE CLIP

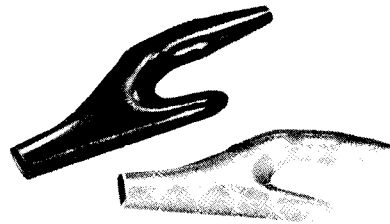
(FOR FINE WIRES)



0470966

INSULATING COVERS

FOR USE WITH CROCODILE CLIPS



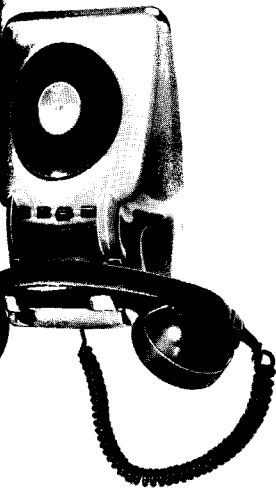
RED
BLACK

0470982
0470974

Orders AH.333 or 081-747 4333

TELEPHONES

PHONES MAGNETO TYPE



6V d.c. OPERATION
TRANSISTORISED
L 210.0 D 240.0 H 115.0

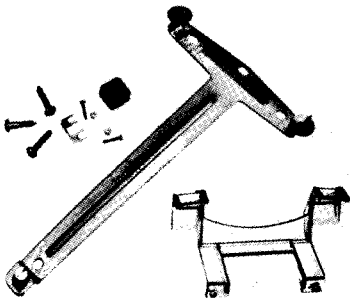
MOUNTING

★DESK

0256286 £52.00

PLESSEY VERSION IS SUPERSEDED BY ONE MADE BY T.M.C.
M.C. TYPE HAS RINGING IMPEDANCE OF 1K Ω, SO THAT IF IT
WAS A REPLACEMENT WORKING TO A PLESSEY VERSION THERE
WAS A REDUCTION IN RINGING SOUND OUTPUT IN BOTH
DIRECTIONS.
M.C. DEVICE HAS A SIX WAY TERMINAL BLOCK. THE FIRST FOUR
TERMINALS MATCH THOSE ON THE PLESSEY.
M.C. INSTRUMENT CAN BE WALL MOUNTED USING THE KIT
ON THIS PAGE.

MAGNETO TYPE, WALL MOUNTING KIT.



1. FIT WALL BRACKET USING 3 WOODSCREWS, CROSS MEMBER
UPPERMOST.
2. REMOVE PLASTIC BODY FROM BASE BY UNDOING SCREW BESIDE CABLE
OUTLETS.
3. FIT HANDSET CRADLE TO BODY USING 2, 8ba SCREWS, 2 NUTS AND
WASHERS.
4. MOVE TWO RUBBER FEET FURTHEST FROM CABLE OUTLET, FROM
BASE.
5. FIT BASE TO WALL BRACKET USING SPECIAL SCREW. BELL UPPERMOST.
6. FIT BODY TO BASE.

NET: STEEL, PASSIVATED.
PLASTIC

0477687 5.65

DESK MOUNTING



L 210.0 D 240.0 H 115.0

FITTED WITH DIAL BUT NO
RECALL FACILITY

MICROPHONE IMPEDANCE: 55 ± 5 Ω NOM.
RECEIVER IMPEDANCE: 150 Ω NOM.

0337938 £35.00

REPLACEMENT PARTS FOR PO713 & PO746 TELEPHONES

MICROPHONE

0408666 £2.35

RECEIVER

0408658 £3.55

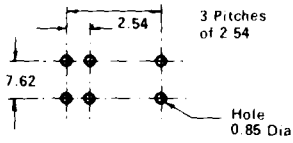
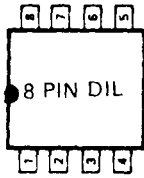
CORD

0408745 £0.85

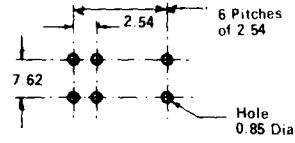
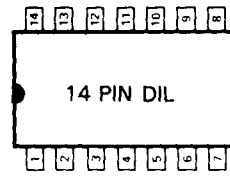
Orders AH.333 or 081-747 4333

SEMI CONDUCTORS

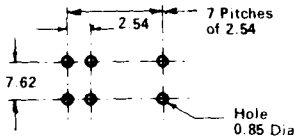
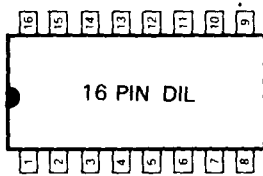
PACKAGE DETAILS



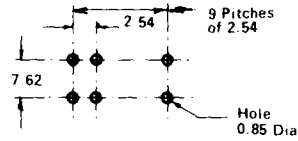
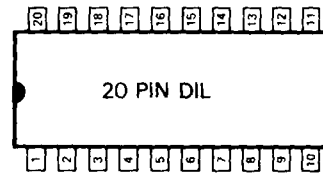
8 PIN DRILLING



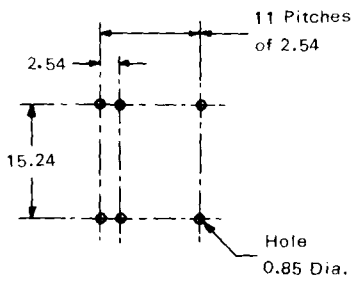
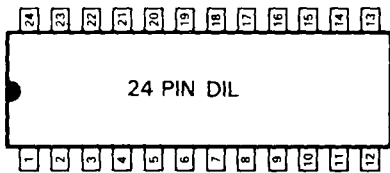
14 PIN DRILLING



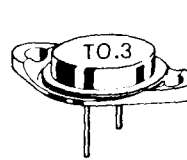
16 PIN DRILLING



20 PIN DRILLING



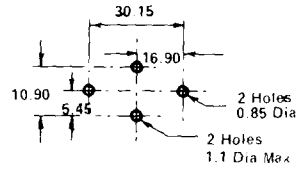
24 PIN DRILLING



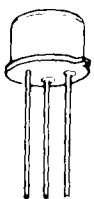
TO.3	a	b
CASE	GND	I/P
1	I/P	GND
2	O/P	O/P



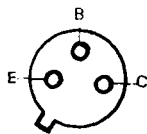
TO.98



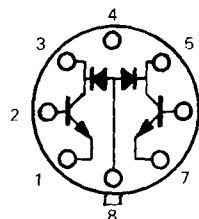
TO.3 DRILLING



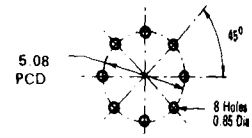
TO.5



TO.5 matched pair



SL301L-CM
view on leads



TO 5 matched pair
DRILLING



ECB
TO.126

Orders AH.333 or 081-747 4333

SEM.2

SEMI CONDUCTORS

PLASTIC HIGH SPEED CMOS LOGIC DEVICES

Type	Description	Package	BBC Stock No.	Type
DIC74HC238N	3 TO 8 LINE NON-INVERTING DECODER	16 PIN DIL	0532461	DIC74HC401
DIC74HC240N	OCTAL TRI-STATE INVERTER BUFFER	20 PIN DIL	053247X	DIC74HC402
DIC74HC241AN	OCTAL TRI-STATE BUFFER	20 PIN DIL	0532488	DIC74HC403
DIC74HC242N	INVERTING QUAD TRI-STATE TRANSCEIVER	14 PIN DIL	0532508	DIC74HC404
DIC74HC243N	QUAD BUS TRANSCEIVER	14 PIN DIL	0532516	DIC74HC405
DIC74HC244N	OCTAL TRI-STATE BUFFER	20 PIN DIL	0532524	DIC74HC406
DIC74HC245N	OCTAL TRI-STATE TRANSCEIVER	20 PIN DIL	0532532	DIC74HC407
DIC74HC251N	DATA SELECTOR/MULTIPLEXER	16 PIN DIL	0532540	DIC74HC431
DIC74HC253N	TRI-STATE QUAD 4 INPUT MULTIPLEXER	16 PIN DIL	0532559	DIC74HC451
DIC74HC257N	TRI-STATE QUAD 2 INPUT MULTIPLEXER	16 PIN DIL	0532567	DIC74HC452
DIC74HC258N	TRI-STATE QUAD 2 INPUT MULTIPLEXER	16 PIN DIL	0532575	DIC74HC453
DIC74HC259N	8 BIT ADDRESSABLE LATCH	16 PIN DIL	0532583	DIC74HC454
DIC74HC273N	OCTAL D TYPE FLIP/FLOP WITH CLEAR	20 PIN DIL	0532591	DIC74HC455
DIC74HC280N	9 BIT PARITY GENERATOR/CHECKER	14 PIN DIL	0532603	DIC74HC456
DIC74HC283N	4 BIT BINARY ADDER	16 PIN DIL	0532611	DIC74HC457
DIC74HC297N	DIGITAL PHASE LOCKED LOOP	16 PIN DIL	053262X	DIC74HC458
DIC74HC299N	8 BIT SHIFT/STORAGE REGISTER	20 PIN DIL	0532638	DIC74HC721
DIC74HC354N	DATA SELECTOR MULTIPLEXER TRANSPARENT	20 PIN DIL	0532646	DIC74HC722
DIC74HC356N	DATA SELECTOR MULTIPLEXER D TYPE	20 PIN DIL	0532654	DIC74HC401
DIC74HC365N	TRI-STATE HEX BUFFER	16 PIN DIL	0532662	DIC74HC402
DIC74HC366N	TRI-STATE HEX INVERTER	16 PIN DIL	0532670	DIC74HC403
DIC74HC367N	TRI-STATE HEX BUFFER	16 PIN DIL	0532689	DIC74HC404
DIC74HC368N	TRI-STATE HEX INVERTER	16 PIN DIL	0532697	DIC74HC405
DIC74HC373N	TRI-STATE OCTAL TRANSPARENT LATCH	20 PIN DIL	0532709	DIC74HC406
DIC74HC374N	TRI-STATE OCTAL D FLIP/FLOP	20 PIN DIL	0532717	DIC74HC407
DIC74HC377N	OCTAL D TYPE FLIP/FLOP WITH ENABLE	20 PIN DIL	0532725	DIC74HC408
DIC74HC390N	DUAL DECADE RIPPLE COUNTER	16 PIN DIL	0532733	DIC74HC409
DIC74HC393N	DUAL 4 BIT BINARY RIPPLE COUNTER	14 PIN DIL	0532741	DIC74HC410
DIC74HC423N	MULTIVIBRATOR (NO TRIGGER FROM CLEAR)	16 PIN DIL	053275X	DIC74HC411
DIC74HC533N	INVERTING OCTAL D LATCH	20 PIN DIL	0532768	DIC74HC412
DIC74HC534N	INVERTING OCTAL D FLIP/FLOP	20 PIN DIL	0532776	DIC74HC413
DIC74HC540N	OCTAL BUFFER AND LINE DR/RX INVERTED	20 PIN DIL	0532784	DIC74HC414
DIC74HC541N	OCTAL BUFFER AND LINE DR/RX NON-INVERTING	20 PIN DIL	0532792	DIC74HC415
DIC74HC563N	INVERTED OCTAL D TYPE LATCH	20 PIN DIL	0532804	DIC74HC416
DIC74HC564N	INVERTED OCTAL D TYPE FLIP/FLOP	20 PIN DIL	0532812	DIC74HC417
DIC74HC573N	OCTAL D TYPE LATCHES	20 PIN DIL	0532820	DIC74HC418
DIC74HC574N	OCTAL D TYPE FLIP/FLOP	20 PIN DIL	0532839	DIC74HC419
DIC74HC597N	8 BIT SHIFT REGISTER WITH INPUT LATCH	16 PIN DIL	0532847	DIC74HC420
DIC74HC640N	OCTAL BUS TRANSCEIVER	20 PIN DIL	0532855	DIC74HC421
DIC74HC643N	OCTAL BUS TRANSCEIVER	20 PIN DIL	0532863	DIC74HC422
DIC74HC646N	OCTAL TRI-STATE BUS TRANSCEIVER NON-INVERTING	24 PIN DIL	0532871	DIC74HC423
DIC74HC648N	OCTAL BUS TRANSCEIVER/REG LOGIC INVERTING	24 PIN DIL	053288X	DIC74HC424
DIC74HC670N	TRI-STATE 4 x 4 REGISTER FILE	16 PIN DIL	0532898	DIC74HC425
DIC74HC688N	8 BIT MAGNITUDE COMPARATOR	20 PIN DIL	053290X	DIC74HC426
DIC74HC4002N	DUAL 4 INPUT NOR GATE	14 PIN DIL	0532918	DIC74HC427
DIC74HC4016N	QUAD BI-LATERAL SWITCH	14 PIN DIL	0532926	DIC74HC428
DIC74HC4017N	DECADE COUNTER/DIVIDER	16 PIN DIL	0532934	DIC74HC429
DIC74HC4020N	14 STAGE RIPPLE CARRY BINARY COUNTER	16 PIN DIL	0532942	DIC74HC430
DIC74HC4022P	OCTAL COUNTER	16 PIN DIL	0532950	DIC74HC431
DIC74HC4024N	7 BIT BINARY COUNTER	14 PIN DIL	0532969	DIC74HC432
DIC74HC4046N	PHASE LOCKED LOOP	16 PIN DIL	0532985	DIC74HC433
DIC74HC4049N	HEX INVERTING BUFFER	16 PIN DIL	0532993	DIC74HC434
DIC74HC4050N	HEX BUFFER	16 PIN DIL	0533008	DIC74HC435
DIC74HC4051N	SINGLE 8 CHANNEL MULTIPLEXER	16 PIN DIL	0533016	DIC74HC436

FOR PACKAGE DETAILS SEE SEM.2 TO SEM.4

Orders AH.333 or 081-747 4333

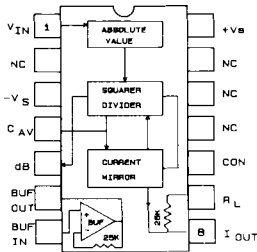
SEM.16

SEMI CONDUCTORS

MISCELLANEOUS

AD 536A TRUE RMS TO DC CONVERTER

TRUE RMS TO DC CONVERSION
 MAXIMUM ERROR 0.05%
 2MHz BANDWIDTH AT $V_{rms} > 1V$
 ERROR AT SIGNAL CREST FACTOR OF 7:1 1%
 LOGARITHMIC OUTPUT RANGE 60dB
 SINGLE OR DUAL VOLTAGE OPERATION



PRODUCT

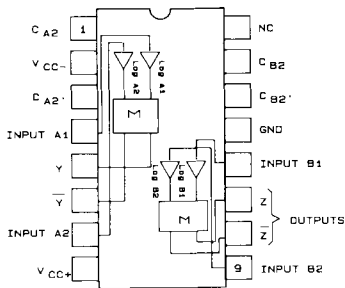
AD536AJD

0506483 £21.00

ANALOGUE INTEGRATED CIRCUITS MISCELLANEOUS

TL 441 LOGARITHMIC AMPLIFIERS

EXCELLENT DYNAMIC RANGE
 WIDE BANDWIDTH
 IN BUILT TEMPERATURE COMPENSATION
 WIDE INPUT VOLTAGE RANGE
 PLUG IN REPLACEMENT FOR SN76502



PRODUCT

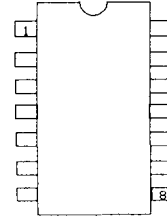
TL441

0153131 £2.25

ANALOGUE INTEGRATED CIRCUITS MODULATOR/DEMODULATOR

MC 1595L FOUR-QUADRANT MULTIPLIER

WIDE BANDWIDTH
 EXCELLENT LINEARITY - 1% MAX ERROR ON X INPUT
 2% MAX ERROR ON Y INPUT
 ADJUSTABLE SCALE FACTOR
 EXCELLENT TEMPERATURE STABILITY
 WIDE INPUT VOLTAGE RANGE $\pm 10V$
 SUPPLY VOLTAGE OF $\pm 15V$
 CERAMIC PACKAGE 14 PIN DIL



FOR INFORMATION AND CIRCUIT
 DETAILS CONTACT:
 B.B.C. STANDARDS SECTION
 081-747-4206

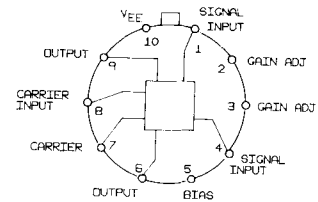
PRODUCT

MC1595L

0156168 £4.35

MC 1596L BALANCED MODULATOR DEMODULATOR

CARRIER SUPPRESSION -65dB (TYP) AT 0.5MHz
 -50dB (TYP) AT 10MHz
 ADJUSTABLE GAIN AND SIGNAL HANDLING
 BALANCED INPUTS AND OUTPUT
 COMMON MODE REJECTION -85dB (TYP)
 TO 100 TYPE PACKAGE



PRODUCT

MC1596L





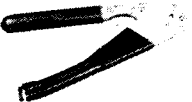


0504864 £1.85

FOR PACKAGE DETAILS SEE SEM.2 TO SEM.4

Orders AH.333 or 081-747 4333

SEM.24

MAINTENANCE STOCK

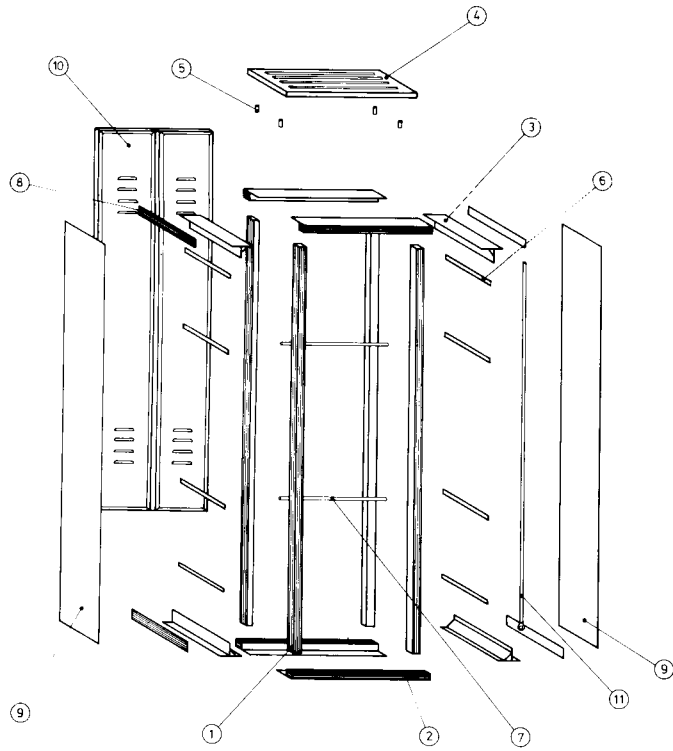
Illustration	Description	Std No.	Item No.	Price (each)	Illustration
HYPERTAC CONNECTORS CONTD					
	▶ Socket Contacts Gold with black clip	27923	0236804	P.O.A.	
	▶ Hood for all mouldings	25165	0223702	P.O.A.	
	▶ BICC/Vero Hood for all mouldings, zinc alloy	25165	0470276	P.O.A.	
	▶ Crimp Tool	71511	0429366	98.00	
	Spare Locator for Crimp Tool	71511	0429374	P.O.A.	

CAMERA CONNECTORS

Plug, fixed					
Augmented Triax, straight cable entry 21 pole	24802	0492584	P.O.A.		
Plug, free					
Augmented Triax, straight cable entry 21 pole	24802	0492568	P.O.A.		
TV36 Angled cable entry, 39 pole, c/w termination accessories	24801	0409592	P.O.A.		
Socket, fixed					
Augmented Triax, straight cable entry 21 pole	27602	0600514	136.00		
Socket, free					
Augmented Triax, straight cable entry 21 pole	27602	0492576	P.O.A.		
TV36 Angled cable entry, 39 pole, c/w termination accessories	27601	0409604	P.O.A.		
Accessories					
Cable clamp modification kit, for Bosch TV36 connectors		045910X	14.00		
Contact, Triaxial, plug for Augmented Triax	24802	0602744	16.00		
Coaxial plug contacts for TV36 connectors	27973	0454083	4.00		
Contact, Triaxial, socket for Augmented Triax	27602	0602752	16.00		
Coaxial socket contacts for TV36 connectors	27973	0454075	P.O.A.		
LF plug contacts for TV36 connectors	27973	0454067	1.00		
LF socket contacts for TV36 connectors	27973	0454059	1.00		
Shell, angled, 18mm (black) for new style TV36 connector	27973	046175X	P.O.A.		
Shell, straight, 18mm (black) for new style TV36 connector	27973	0461733	P.O.A.		
Back nut, 18mm, c/w black flexible sleeve for new style TV36 connector	27973	0461741	14.00		

Orders AH.333 or 081—747 4333

ENCLOSURES, BAY FRAMES



THE ABOVE DIAGRAM IS AN EXPLODED VIEW OF A TYPICAL BAY AND IS INTENDED AS A SCHEMATIC ONLY

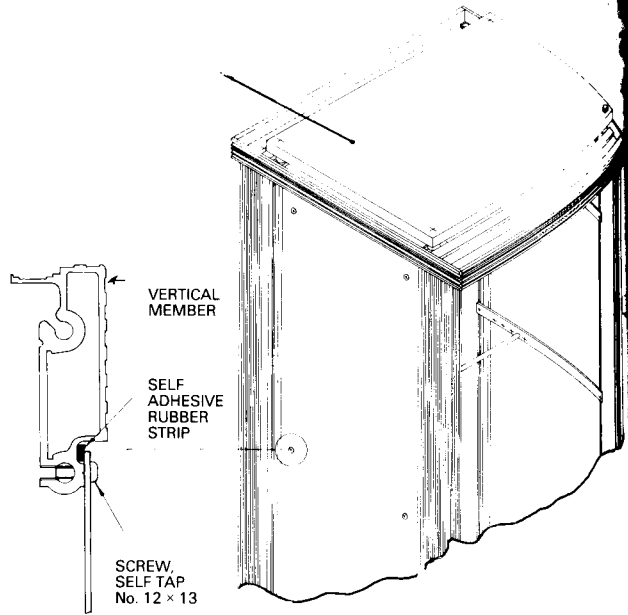
ITEM	DESCRIPTION
1	VERTICAL MEMBER
2	HORIZONTAL MEMBER
3	SIDE MEMBER
4	DUST COVER
5	SPACER
6	LACING BAR (SIDE)
7	LACING BAR (INTERNAL)
8	SIDE TRIM
9	SIDE PANEL
10	REAR DOORS (ONE PAIR)
11	EARTHING BAR

FOR DUST COVER KIT
SEE PAGE 5

BAYFRAME DIMENSIONS: FW1/15

Bay Code	Height	Width	Depth*
FW1/15A	2134	520	610
FW1/15B	(2176 if	(526 if	521
FW1/15C	fitted with	fitted with	457
FW1/15D	dust cover)	2 side-trims)	305
FW1/15X			800

* THIS DIMENSION IS BETWEEN THE OUTER FACES OF THE BAY VERTICAL MEMBERS
TO THIS DIMENSION ADD 40 MM FOR ACTUAL FLOOR SPACE.



BAY FRAMES FW1/15A - D, KIT (51201)

SUPPLIED AS AN UNASSEMBLED KIT
CONTAINING ALL METALWORK, LACING
BARS AND FASTENERS

D	W	H	BBC CODE
610.0	526.0	2134.0	FW1/15A,
521.0	526.0	2134.0	FW1/15B,
457.0	526.0	2134.0	FW1/15C,
305.0	526.0	2134.0	FW1/15D,

0434782	£287.00
■0434790	P.O.A.■
■0434802	P.O.A.■
■0434810	P.O.A.■

BAY FRAME KITS COMPRISE PARTS AS LISTED BELOW

ITEM	QTY
VERTICAL MEMBER	4
HORIZONTAL MEMBER	4
SIDE MEMBER	4
LACING BAR, INTERNAL	5
FW1/15A, LACING BAR, SIDE	10
FW1/15B, LACING BAR, SIDE	10
FW1/15C, LACING BAR, SIDE	10
FW1/15D, LACING BAR, SIDE	10

043866X	£2.30
0438651	£3.65
0438678	£3.65
0438686	£1.90
0438694	£1.10

FIXINGS COMPRISING:

ITEM	QTY
CAGED NUT	100
BOLT, M8 x 20, HEX.HD	8
BOLT, M8 x 40, HEX.HD	16
SCREW, SELF TAP, No.12 x 13	20
SCREW, SELF TAP, No.12 x 16	8
SCREW, M4 x 12, PAN HD.	10
WASHER, M8, S/PROOF	32
WASHER, M6, S/PROOF	28
WASHER, M4, S/PROOF	10
NUT, M8, HEX., FULL	8
BOX SPANNER, 13 x 17	1
TOMMY BAR	1
SPANNER, OPEN END, M4/M8	1

0331689	£0.98
0438103	£0.68/25
0443826	£0.92/25
043812X	£0.45/25
0442802	£0.45/25
0375643	£0.12/25
0261024	£0.13/25
0261016	£0.07/25
0260993	£0.05/25
0260926	£0.29/25
0438146	£1.35
0438154	£0.50
0438162	£0.90

N.B. The availability from stock of additional or spare items is
indicated by the cemast item number and price

Orders AH.333 or 081-747 4333

SIDE

ITEM

MP1/22A
MP1/22E
MP1/22C
MP1/22D

EACH

ITEM

SIDE CO
SIDE TR
SCREW,
SCREW,
RUBBER
5M LENC

DUST

FOR FW
FOR FW
FOR FW
FOR FW

EACH
COM

ITEM

DUST C
SPACE
BOLT, M
NUT, M
WASHE

N.B. TH
in

DOO

MP1/2

EACH
COM

ITEM

DOOR
HAND
BUTTC
TOP H
ROLL

DOOR
SCREW
SCREW
WASH
WASH

NUT,

N.B.

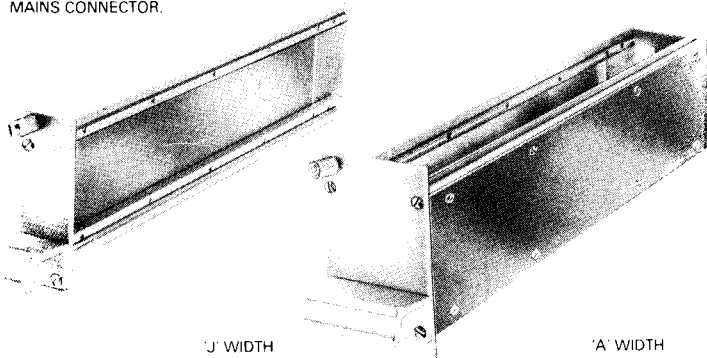
ENCLOSURES, CHASSIS

CHASSIS, B.M.M. 2U CHASSIS KIT (52210) (FOR USE WITH PN3/55)



AS SUPPLIED

THESE CHASSIS ARE SUPPLIED IN KIT FORM
FRONT PANELS ARE ANODISED AND CODING
PLATES ARE BLANK.
THE REAR PANEL HAS CUT-OUTS TO ACCEPT
ONE 17 POLE CONNECTOR AND ONE 'D'
MAINS CONNECTOR.



'J' WIDTH

'A' WIDTH

TYPICAL ASSEMBLY

mm	WIDTH LETTER	FRACTION	BBC CODE
26.7	J	1/16	CH1/65J
53.3	A	1/8	CH1/65A
106.7	B	1/4	CH1/65B
160.0	C	3/8	CH1/65C
213.0	D	1/2	CH1/65D

0352311	£15.50
0349421	£20.00
034943X	£20.50
0352338	£24.00
0352232	£25.75

COMPONENT PARTS (2U)

THESE ARE AVAILABLE SEPARATELY AS FOLLOWS:-

	WIDTH	
FRONT PANEL (UNANODISED)	J	26.7
	A	53.3
	B	106.7
	C	160.0
REAR PANEL	D	213.0
	A	53.3
	B	106.7
	C	160.0
SCREEN PLATE (LONG) (SHORT)	D	213.0
	A	53.3
	B	106.7
	C	160.0

SCREEN PLATE (LONG)
(SHORT)
CODING PLATE ★

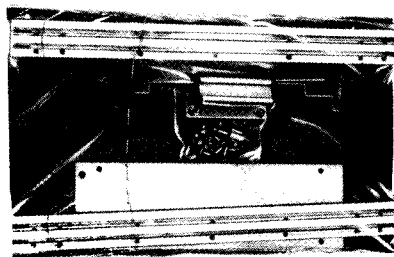
0355443	£1.00
0326605	£2.25
0340067	£1.15
0340749	£1.00
0340722	£1.20
0326648	£1.00
0340075	£1.25
0340757	£1.40
0340730	£1.95
0326526	£1.50
0326534	£1.40
0326699	£0.45

★ THE CODING PLATE REQUIRES NOTCHING BEFORE USE.

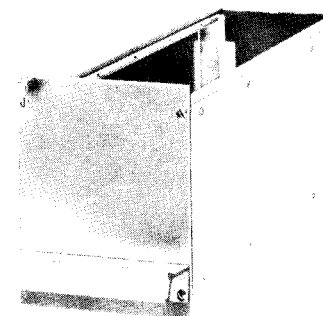
COMMON PARTS FOR B.M.M. CHASSIS

CHASSIS RUNNER HANDLE	J	25.4	0318317	£2.00
	A	52.1	0326577	£1.75
	B	105.4	0326569	£2.30
	C	158.7	0326585	£2.40
	D	212.4	0351042	£2.70
			0351034	£2.20
THUMBSCREW			0326656	£0.29
			0400310	£0.10 per 25
SHAKEPROOF WASHER			040102X	£0.30 per 25
NYLON BUSH				

3U CHASSIS KIT (52215) (FOR USE WITH PN3/58)



THESE CHASSIS ARE SUPPLIED IN KIT FORM
FRONT PANELS ARE ANODISED AND CODING
PLATES ARE BLANK. ★
THE REAR PANEL HAS CUT-OUTS TO ACCEPT
ONE 32/64 POLE CONNECTOR AND ONE 'D'
MAINS CONNECTOR.



TYPICAL ASSEMBLY

'B' WIDTH

mm	WIDTH LETTER	FRACTION	BBC CODE
53.3	A	1/8	CH1/82A
106.7	B	1/4	CH1/82B
213.0	D	1/2	CH1/82D

0425655	£29.00
0425663	£27.50
0425671	£26.00

★ THE CODING PLATE REQUIRES NOTCHING BEFORE USE.

N.B. ORDERING INFORMATION FOR THE B.M.M. CHASSIS
COMMON PARTS IS AS DETAILED FOR 2U AND 4U CHASSIS KITS

Orders AH.333 or 081-747 4333

ENCLOSURES, CHASSIS

CH4/9 G.P. 2U PCB EXTENDER

ILLUSTRATION DETAIL SIMILAR TO CH4/5

2U BMM CHASSIS EXTENDER FOR USE WITH UNSUPPORTED CARDS FITTED WITH 44 P.C.B. CONTACTS CONNECTED TO 44 POLE EDGE CONNECTOR. SIMILAR TO CH4/5. SUPERSEDES CH1A/56. DD 1983. DDMI 1.256(83).

BBC CODE

CH4/9

0474425	£173.00
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CH4/10 G.P. 3U PCB EXTENDER

ILLUSTRATION DETAIL SIMILAR TO CH4/5

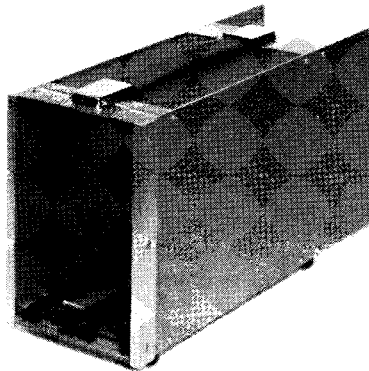
3U BMM CHASSIS EXTENDER FOR USE WITH UNSUPPORTED CARDS FITTED WITH 80 P.C.B. CONTACTS CONNECTED TO 80 POLE EDGE CONNECTORS. SIMILAR TO CH4/5. SUPERSEDES CH1A/57. DD 1983.

BBC CODE

CH4/10

0474433	£214.00
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CARRYING CASES CS2/23B (4U)



UNEQUIPPED CARRYING CASE TO HOUSE 4U BMM CHASSIS. CONSISTS OF REDUCED WIDTH PN3/54 WITH TOP AND BOTTOM COVERS, MOUNTING FLANGES REPLACED WITH DECORATIVE TRIM, RUBBER FEET AND CARRYING HANDLE. WILL ACCEPT STANDARD TERMINATION PANELS AND COVERS. 'B' VERSION TO HOUSE 2 x CH1/64A or 1 x CH1/64B. DD 1976.

BBC CODE

CS2/23B

0415721	£255.00
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CS2/26H (2U)

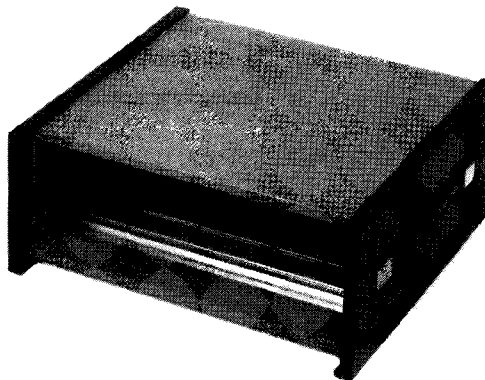
CARRYING CASE PROVIDES PROTECTION FOR EQUIPMENT CONTAINED IN BMM STANDARD CHASSIS. 2U VERSION H WIDTH. DD 1978.

BBC CODE

CS2/26H

0420529	£200.00
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CS2/27H (4U)



CARRYING CASE PROVIDES PROTECTION FOR EQUIPMENT CONTAINED IN BMM STANDARD CHASSIS. 4U VERSION H WIDTH. DD 1978.

BBC CODE

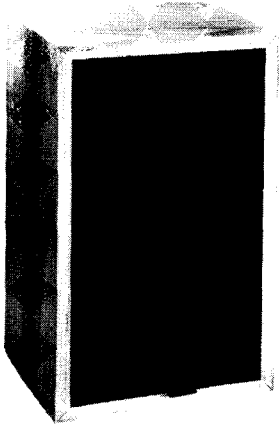
CS2/27H

0424536	£237.00
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Orders AH.333 or 081-747 4333

EQUIPMENT

LOUDSPEAKERS LS3/5A



Small Monitoring Loudspeaker
comprises
CT4/11A (Cabinet)
KEF B110:SP1228 (Bass Unit)
KEF T27:SP1032 (H.F. Unit)
FL6/38:SP2128 (Crossover Network)

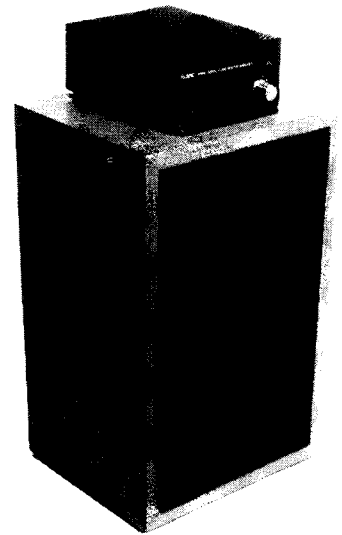
Dimensions

190	Wide
300	High
170	Deep
5kg	Weight

Nom. Impedance	12Ω
Power Handling	25W
Max. O/P at 1 metre	96dBA

3 Pin XLR Plug connections	+	Connection Pin 2
	-	Connection Pin 3
		N/C Pin 1

Matching Line Socket Cemast 0023001



VIEW WITH ROLEC AMP
AVAILABLE SEPARATELY

THESE ITEMS ARE AVAILABLE TO ORDER
ONLY. DELIVERY 12 - 16 WEEKS NOMINAL.

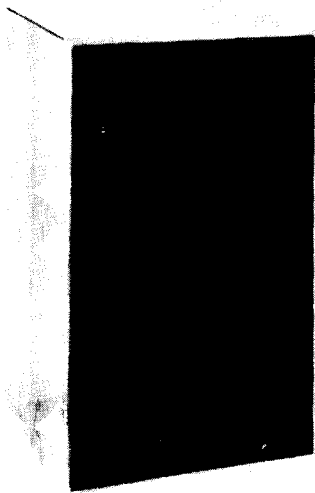
0604580 £108.00

ACCESSORIES FOR LS3/5A

Amplifier - Mono
Rolec Miniature Monitoring Amplifier
See Pact Agreement No. R0-03

Amplifier - Stereo Rackmount
Harrison xi-150
See Pack Agreement No. HT-02

LS5/9



Studio Loudspeaker
comprises
LS2/14 (Bass Unit)
LS2/15 (Tweeter)
FL6/36 (Crossover Unit)
CT4/16 (Cabinet)

Dimensions

280	Wide
455	High
280	Deep
14kg	Weight

Nom. Impedance	8Ω
Power Handling	50W
Max. O/P at 1 metre	106dBA

3 Pin XLR Plug connections	+	Connection Pin 2
	-	Connection Pin 3
		Pin 1 N/C

Matching Socket Cemast 0023001

THESE ITEMS ARE AVAILABLE TO ORDER
ONLY. DELIVERY 12 - 16 WEEKS NOMINAL.

0604599 £350.00

ACCESSORIES FOR LS5/9

Amplifier - Mono
H.H. AM8/17
See Pact Agreement No. HH-01

Amplifier - Stereo Rackmount
Harrison xi-150
See Pack Agreement No. HT-02

Orders AH.333 or 081—747 4333

CODED EQUIPMENT

Item No.	Item Code	Item Description
20022446	UN23/156	Rotary Interface Encoder
20021911	UN23/157	Pre-Hear Logic Control Unit
2002192X	UN23/162	Pre-Hear Logic Control Unit
20022454	UN23/163	Coxbox Interface Unit
20022880	UN23S/165	Store Control Unit
20015220	UN23/614	18 Way Logic Unit
20013319	UN23/639	Programmable Seq. Logic Unit
20022296	UN23/640	Teletext Logic Unit
2000902X	UN23S/649	Waveform Generator Logic Unit
20009220	UN23/651	Waveform Generator Logic Unit
20009527	UN23/655	Control Panel Interface
20014107	UN23/661	Logic Unit
20015802	UN23/674	Clock Control Unit
20020677	UN23S/676	A.G.C. Control Unit
20021118	UN23/682	Waveform Generator Logic Unit
20009823	UN25/1	Modem Unit
20009929	UN26/20	C.I.P. Central Processor
20020512	UN26/20A	C.I.P. Central Processor
20028013	UN26/22B	Programmable Processor
20010029	UN26/25A	Interface Unit
20024144	UN26S/30	Fault Processor
20015399	UN26S/31	Z80 Processor
20015104	UN26S/37	6800 Processor Unit
20020685	UN26S/39	Z80 Processor (Main Board)
2001665X	UN26/41	Nicam 3 Compressor
20016739	UN26/42	Nicam 3 Expander
20018575	UN26S/46	Micro Computer Unit
20019730	UN26/47	BBC Z-80 Bus Extender Sub Unit
2002361X	UN26/48	Nicam Sample Silence Processor
20016720	UN26/49	Nicam 3 Interpolator
20021544	UN26S/52	8085 Processor
20021552	UN26/55A	Data Interface Unit
20023774	UN26/56	Gain Control Unit
20022462	UN26/59	Parallel I/O Buffer Unit
20022899	UN26/64	Multipier Unit
20022919	UN26/65	Combiner Unit
20024483	UN26S/66	Man Control Panel Processor
20024948	UN26S/69	Micro Computer
2001022X	UN26/517	Video Processor Unit
20010420	UN26/523	Colour Overlay Effects Unit
20010526	UN26/526	RGB Processing Unit
20010621	UN26/529	RGB Processing Unit
20010727	UN26/530	RGB Processing Unit
20010928	UN26/536	Timecode Arithmetic Unit
20015810	UN26/549	Video Processing Unit
20014919	UN26/550	Timecode Slow Speed Corrector
20024850	UN26/590	Comb Filter Unit
20024869	UN26/591	Digital Blanker Unit
20024877	UN26/592	Decoding/Luminance Blanking Unit
20022734	UN26/556	Digital Blanking Unit
2002530X	UN26/586A	2 Channel Key Modifier
20021047	UN26/586	Split Screen Key Modifier
20023924	UN26/593	T.V. Waveform Analyser Interface
20016057	UN27S/1	Read Only Memory (Less ROMS)
20015400	UN27/7	8K RAM Store

Orders AH.333 or 081—747 4333

THIS SAMPLE OF
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