DATA NETWORKS CATALOGUE
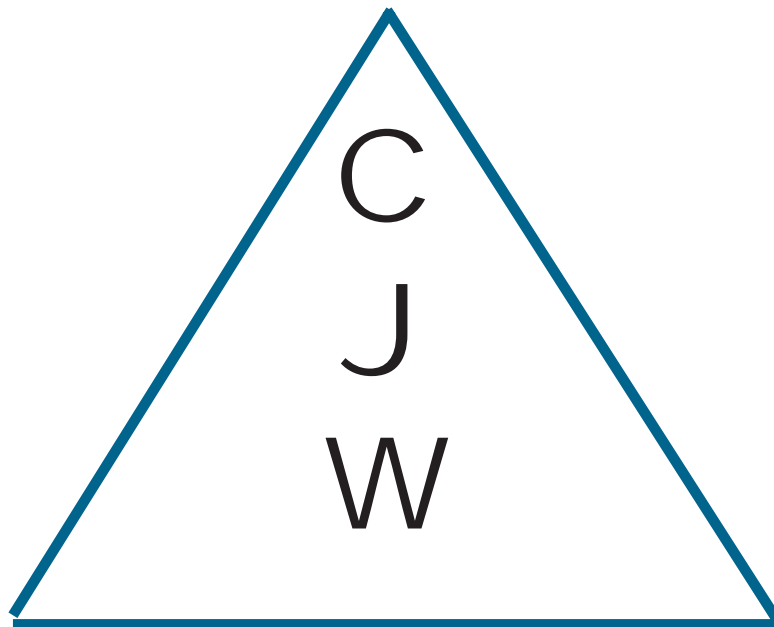

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CATALOGUE INDEX

APPLICATION	PRODUCT FAMILY	PAGE

Net-IT™ CAT5e CROSS CONNECT - COPPER

DESCRIPTION	PART NO	Qty	ILLUSTRATION
Net-IT™ LOW-COST			
PATCH PANEL COMPLETE			
16 port CAT5e Patch Panel	PAT-P-16-ECO	1	
24 port CAT5e Patch Panel	PAT-P-24-ECO	1	
32 port CAT5e Patch Panel	PAT-P-32-ECO	1	
16 port CAT5e Patch Panel	PAT-P-16-FE	1	
24 port CAT5e Patch Panel	PAT-P-24-FE	1	
32 port CAT5e Patch Panel	PAT-P-32-FE	1	
PATCH PANEL COMPONENTS			
NI-Basic Frame RJ45 long Cable Guide	BFR-LONG-RJ	1	
Adapter 8port empty	ADA-8P	1	
Brush Adapter	ADA-BRUSH	1	
Blank Adapter large	ADA-BL-LRG	1	
Blank Adapter small, set of 8	ADA-BL-SML	1	
CONNECTORS (KEYSTONES)			
Keystone RJ45 CAT5e black	KEY-5E-ECO-BLK	1	
Keystone RJ45 CAT5e white	KEY-5E-ECO-WHT	1	
ACCESSORIES			
Net-IT™-Brush Panel small complete	BRU-P-SML	1	
Net-IT™-Brush Panel large complete	BRU-P-LRG	1	
RJ45 CAT5e moulded Cords 1.0m	PC-FE-5E-1M	1	
RJ45 CAT5e moulded Cords 3.0m	PC-FE-5E-3M	1	

Net-IT™ CAT5e CROSS CONNECT - COPPER

DESCRIPTION	PART NO	Qty	ILLUSTRATION
Net-IT™ CAT5E			
PATCH PANEL COMPLETE			
16 port CAT5e Patch Panel HK	PAT-M-16-C5e	1	
24 port CAT5e Patch Panel HK	PAT-M-24-C5e	1	
32 port CAT5e Patch Panel HK	PAT-M-32-C5e	1	
PATCH PANEL HOUSING			
16 port Patch Panel housing	PAT-M-16-H	1	
24 port Patch Panel housing	PAT-M-24-H	1	
Remark:			
The Net-IT Panel Housing uses the			
HK Type Keystone Jack			
CONNECTORS (KEYSTONES)			
Keystone RJ45 CAT5e	KEY-5E-HK	1	
Blank	KEY-BL-HK	1	
ACCESSORIES			
Net-IT Brush Panel	BRU-M-SML	1	
RJ45 CAT5e moulded Cords 1.0m	PC-KC-5E-1M	1	
RJ45 CAT5e moulded Cords 3.0m	PC-KC-5E-3M	1	

Net-IT™ CAT6 CROSS CONNECT - COPPER

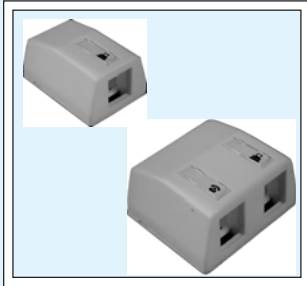| DESCRIPTION	PART NO	Qty	ILLUSTRATION
Net-IT™ CAT6			
PATCH PANEL COMPLETE			
16 port CAT6 Patch Panel KM8	PAT-M-16-C6	1	
24 port CAT6 Patch Panel KM8	PAT-M-24-C6	1	
32 port CAT6 Patch Panel KM8	PAT-M-32-C6	1	
PATCH PANEL HOUSING			
16 port Patch Panel housing	PAT-M-16-H	1	
24 port Patch Panel housing	PAT-M-24-H	1	
Remark:			
The Net-IT Panel Housing uses the			
ECO Type Keystone Jack			
CONNECTORS (KEYSTONES)			
Keystone KM8 RJ45 CAT6 black	KEY-6-KM8	1	
Blank	KEY-BL-HK	1	
ACCESSORIES			
Highway Brush Panel	BRU-M-SML	1	
RJ45 CAT6 moulded Cords 1.0m	PC-KC-6-1M	1	
RJ45 CAT6 moulded Cords 3.0m	PC-KC-6-3M	1	

Net-IT™ VOICE   CROSS CONNECT - COPPER

DESCRIPTION	PART NO	Qty	ILLUSTRATION
PATCH PANEL **Net-IT™** Patch Panel 2/4 wire 60port VOICE	PAT-V-2/4-60	1	
Net-IT™ Brush Panel Complete	BRU-P-SML		
ACCESSORIES **Net-IT™** Patch Cords RJ45 - D1 VOICE	PC-V-HB-xx	1	

Remark:
    -xx   Length of Cord
    1M
    3M
    5M

Net-IT™ CAT5e OUTLETS - COPPER

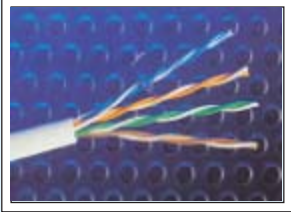| DESCRIPTION		PART NO	Qty	ILLUSTRATION
Net-IT™SURFACE MOUNTED				
SINGLE				
Outlet complete with 1 x RJ45 Keystone CAT5e				
RJ45 Single Outlet ivory		SM-S-CAT5E	1	
DOUBLE				
Outlet complete with 2 x RJ45 Keystone CAT5e				
RJ45 Double Outlet ivory		SM-D-CAT5E	1	
SURFACE BOX EMPTY				
Single	ivory	SM-S-E-I	1	
Double	ivory	SM-D-E-I	1	
Single	white	SM-S-E-W	1	
Double	white	SM-D-E-W	1	
Net-IT™FLUSH MOUNTED				
SINGLE (TRUNKING)				
Outlet complete with				
1 x Trunking Frame				
1 x HK 45deg. Adapter				
1 x RJ45 Keystone CAT5e				
1 x Blanking Adapter				
RJ45 Single Trunking Outlet white		7TRU-S-CAT5E	1	
DOUBLE (TRUNKING)				
Outlet complete with				
1 x Trunking Frame				
2 x RJ 45deg. Adapter				
2 x RJ45 Keystone CAT5e				
RJ45 Double Trunking Outlet white		7TRU-D-CAT5E	1	
Remark:				
All ECO or FE Keystones can be used with				
the Outlet Housings of the Net-IT Range.				

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Net-IT™ CAT6 OUTLETS - COPPER

DESCRIPTION	PART NO	Qty	ILLUSTRATION
Net-IT™ CAT6			
SURFACE MOUNTED			
SINGLE KM8 **Outlet complete with 1 x RJ45 Keystone CAT6** RJ45 Single Outlet white	SM-S-CAT6	1	
DOUBLE KM8 **Outlet complete with 2 x RJ45 Keystone CAT6** RJ45 Double Outlet white	SM-D-CAT6	1	
SURFACE BOX EMPTY Single KM8 white Double KM8 white	SM-S-E-W SM-D-E-W	1 1	

Net-IT™ OUTLETS ACCESSORIES - COPPER

DESCRIPTION	PART NO	Qty	ILLUSTRATION
Trunking Frame for mounting Compact and RJ Keystones directly into the trunking environment	TRU-D	1	
Adapter LJ6C for RJ Type Keystone for direct Panel mounting Mini Adapter for RJ Type Keystone for direct Panel mounting	ADA-LJ6C-RJ ADA-MI-RJ	1 1	
Adapter 45 degree RJ for mounting in 50 x 50 Face Plate or Trunking Frame	ADA-45D	1	
Face Plate UK Style Double Face Plate UK Style Quad	PLA-85-D PLA-85-Q	1 1	
CONNECTORS (KEYSTONES) Keystone Cat5e Blank Keystone Keystone KM8 RJ45 CAT6	 KEY-5E-FE KEY-BL KEY-6-KM8	 1 1 1	
Back Box 85x85x32	BOX-85-32	1	

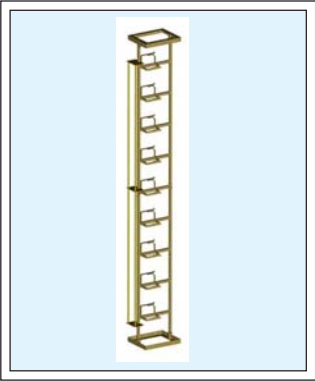# Net-IT™ CAT5e CABLE - COPPER

DESCRIPTION	PART NO	Qty	ILLUSTRATION
Net-IT™ COPPER CABLE CAT5e **UTP COPPER CABLE CAT5e** **NET-IT CAT5e CABLE SOLID AND STRANDED** **Unscreened Twisted Pair (UTP) 100 Ohm** solid UTP grey	CBL-U-P-C5E	m	

ELECTRICAL PARAMETER:
Impedance 100 Ohm ± 15%

Frequ.	Atten.	NEXT	RL
Mhz	dB	dB	dB
1.0	2.1	62	23
10.0	6.6	47	23
20.0	9.2	42	23
62.5	17.1	35	18
100.0	22.0	32	16

MECHANICAL PARAMETER:
Conductor: 24 AWG (0.511mm nominal)

Insulation: Polyethylene

Total wire	Solid	Stranded
diameter (mm)	<=1.20	<=1.02

Pairs: 2 insulated conductors twisted together, lays varied to minimize Crosstalk.

Sheath: PVC, or LSOH <6.35mm overall diameter

Colour Code: Conductor pair

(a)	(b)
1. White/Blue	Blue
2. White/Orange	Orange
3. White/Green	Green
4. White/Brown	Brown

Net-IT™ CAT6 CABLE - COPPER

DESCRIPTION	PART NO	Qty	ILLUSTRATION
Net-IT™ COPPER CABLE CAT6 **UTP COPPER CABLE CAT6** **NET-IT CAT6 CABLE SOLID AND STRANDED** **Unscreened Twisted Pair (UTP) 100 Ohm** solid UTP grey	CBL-U-P-C6-SO	m	

ELECTRICAL PARAMETER:

Impedance 100 Ohm ± 15%

Frequ.	Atten.	PSNEXT	ACR	RL
MHz	dB	dB	dB	dB
1.0	2.0	65	62	
10.0	6.0	59	56	
20.0	8.6	55	52	
62.5	15.7	47	44	
100.0	20.2	44	41	
200.0	29.8	40	37	

MECHANICAL PARAMETER:

Conductor: 23 AWG (0.541mm nominal)

Insulation: Polyethylene

Total Wire	Solid	Stranded
diameter (mm)	<=1.20	<=1.02

Pairs: 2 insulated conductors twisted together, lays varied to minimize Crosstalk

Sheath: PVC, or LSOH <6.35mm overall diameter

Colour Code:

	Conductor pair
(a)	(b)
1. White/Blue	Blue
2. White/Orange	Orange
3. White/Green	Green
4. White/Brown	Brown

Net-IT™ CONSOLIDATION POINT - COPPER

DESCRIPTION	PART NO	Qty	ILLUSTRATION
Net-IT™ / HIGHBAND			
HOUSING			
Distribution Box 300A	BOX-100-I	1	
10 way Backmount Frame	BMF-10-10	1	
Consolidation Box HB16x	CON-HB16	1	
The Box can be equipped with up to 16 HB Modules.			
CONNECTORS (KEYSTONE)			
Keystone RJ45 CAT5e	KEY-5E-FE	1	
Keystone KM8RJ45 CAT6	KEY-6-FE	1	
Blank Keystone	KEY-BL	1	
Highband 2 port Module CAT6	HB-2-C6	1	
RJ-xx PLUGS			
RJ45 Plug KRONE CAT5e	PLU-RJ45-C5E	1	
RJ12 Plug KRONE	PLU-RJ12	1	

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Net-IT™ EQUIPMENT HOUSING - COPPER

DESCRIPTION	PART NO	Qty	ILLUSTRATION
Net-IT™ PROFILE FRAMES & BOXES			

Net-IT™ PROFILE FRAMES & BOXES

Distribution Frame 800 — FRME-800 — 1
Distribution Frame 1000 — FRME-1000 — 1

Mild Steel Galvanized0
The Disribution Frame column is a floor or wall
mounted unit with 2 x 12mm Profile Rods of
Frame 800   =   1800mm
Frame 1000   =   2250mm.
The Frames can be used for Highband Modules
as well as for standard Voice Modules.

The Frame size is H2200 x W250 x D300mm
The Frame size is H2500 x W250 x D300mm

Distribution Frame 600P — FRME-600P — 1
The Distribution Frame 600P is a wall mounted unit
for 2 columns of 300 pairs each. Larger frames can be
build by installing distribution frames 600 side by side.
The Frame can be used for Highband Modules as well
as for standard Voice Modules.

The total frame size is H900 x W300 x D150mm

Indoor Boxes 30 to 100 pairs

Mechanical Data		100	50	30
Dimensions mm	H	320	210	190
	W	210	160	125
	D	120	90	80

Order information for Indoor Box

	PART NO
Box 30P (with plastic rod)	BOX-030-I-P
Box 50P (with plastic rod)	BOX-050-I-P
Box 100P (with plastic rod)	BOX-100-I-P

Net-IT™ EQUIPMENT HOUSING - COPPER

DESCRIPTION	PART NO	Qty	ILLUSTRATION

Net-IT™ CABINETS

Profile 200 active / passive
The Net-IT Cabinet is a floor mounted unit with
two sections:
a.) active section of 16U height for Fibre and
    HUB/Switch equipment. The front door is made of
    glass and is lockable.
b.) Passive section of 31U for a 3 column
    arrangement. Both the outside columns are used
    for workplace terminations, each column can be
    equipped with up to 50 Modules which are 100
    4 pair channels.
The middle column is used for the termination of the
system equipment Voice and Data.

Most common arrangement:
      up to 80 HUB ports
      up to 100 PBx ports

The Cabinet can be used for Highband Modules as
 well as for standard Voice Modules, each column can
accomodate up to 50 Modules.

The Cabinet size is H43U x W800 x D800 mm

PART NO: CAB-AP-200   *Qty:* 1

Net-IT DDF1400 is a floor mounted
unit in the following Versions:

2 columns 700 pairs each

Net-IT DDF is available with up to
2 x Profile Columns, (12mm Rods of 1800mm).
The cabinet can be used for Highband
Modules as well as for Standard Voice Modules.
Each column can accomodate up to 70 Modules.

The cabinet size is H43U x W600 x D300 mm

Rem. Accessories like Power Duct, Fan Unit, etc
     are <u>not</u> included and have to be requested
     seperately.

PART NO: CAB-DDF-1400   *Qty:* 1

References:

Net-IT™ is a Trade Mark of CJW Business Consulting

Highband is a Trade Mark of ADC KRONE

KM8 is a Trade Mark of ADC KRONE