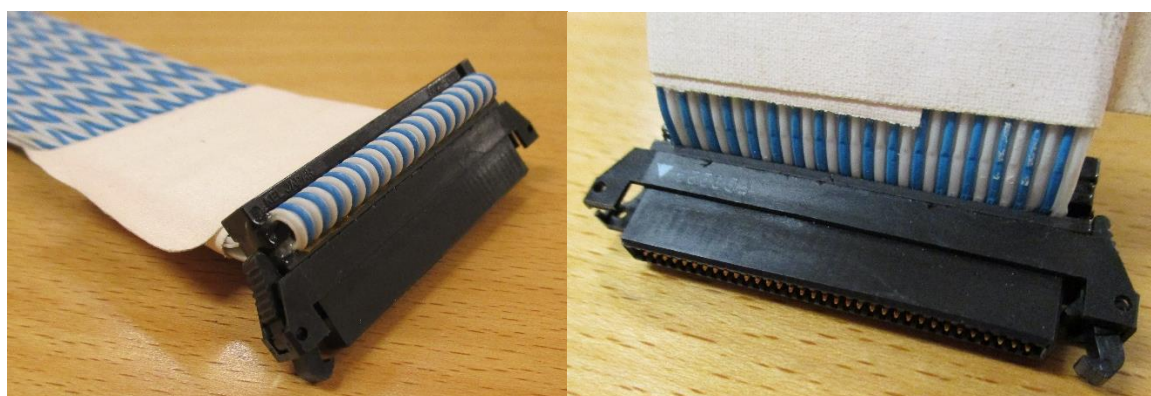
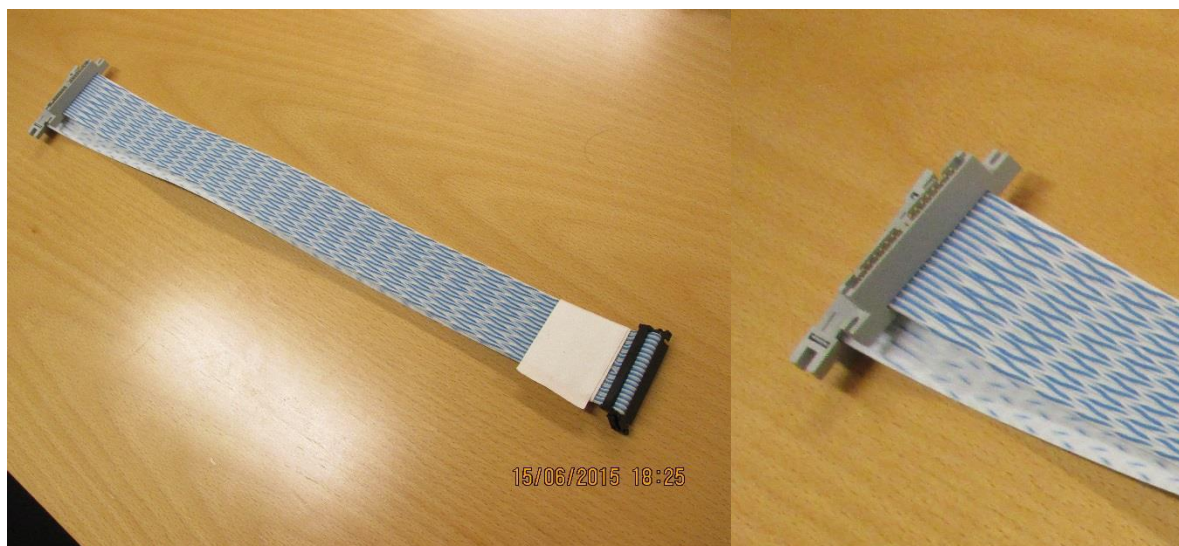


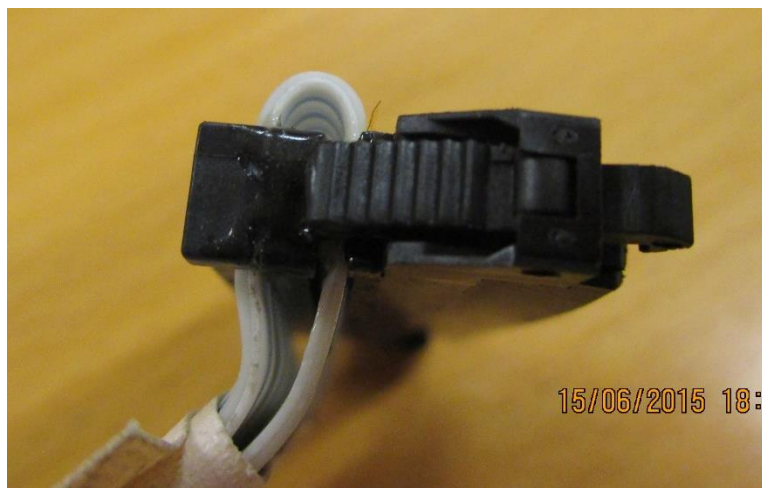
TDC cable adapter as made for the Cosmic stand in 904 QC3

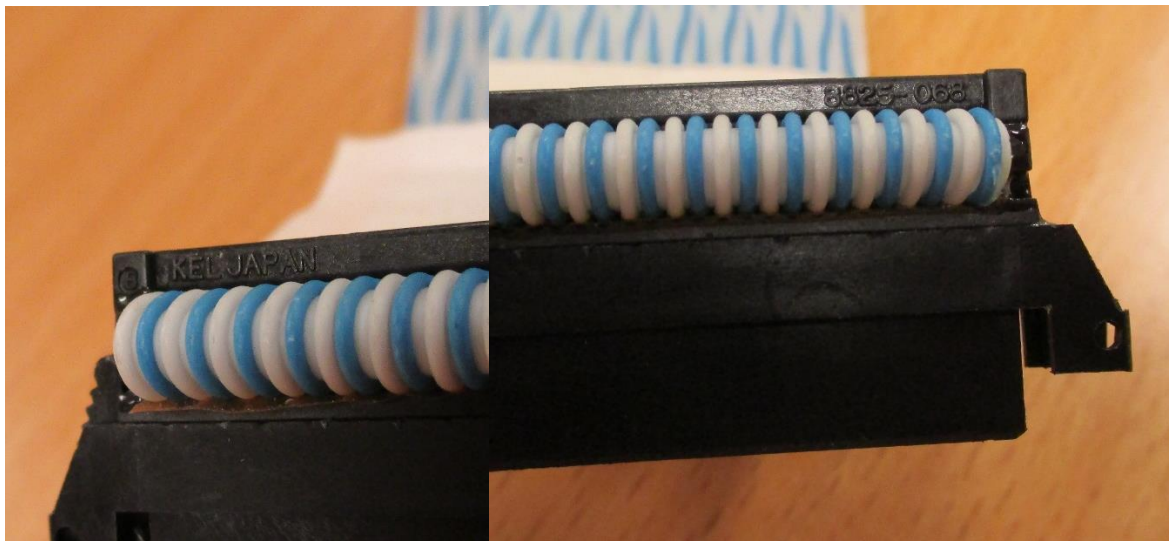
3M x2 IDC 34c male connectors, 1 continuous twisted flat cable 3M & 1 68pin Robinsen Nugent (ref; P50E-068S).

Available from CAEN; <http://www.caen.it/csite/CaenProd.jsp?parent=52&idmod=412>



Continuous cable loop !





You can read “ KEL Japan” and “ 8825-068”

<http://multimedia.3m.com/mws/media/4416040/3mtm-interconnect-mating-table.pdf>

Page 41 of 45 or page 48 in pdf doc.




3M ref

P50E-068S-EA

TS 1143

3M Part-Number was 80-0009-0484-9

3M™ Pak 50 Wiremount-to-Boardmount Connectors

Note: All connector options and ordering information may be obtained from the technical data sheet (TS-XXXX).		
		
P50E Series	P25E Series	P50E Series
TS-1144	TS-1141	TS-1143
Vertical and Right Angle Boardmount Plug	Mating Wiremount Socket	
S1 = Straight, without Retention Clip SR1 = Right Angle, without Retention Clip RR1 = Right Angle, with Retention Clip	One single 30 AWG stranded cable is needed to terminate this connector.	Two 28 AWG stranded cables are needed to terminate this connector.
(each version mates to both Socket Options)	.025" Pitch Flat Cable	.050" Pitch Flat Cable
P50E-020P1-S1-XXX P50E-020P1-SR1-XXX P50E-020P1-RR1-XXX	P25E-020S-XX	P50E-020S-XX
Positions: 20, 30, 32, 40, 50, 60, 68, 80, 100	Positions: 20, 30, 32, 40, 50, 60, 68, 80, 100	Positions: 20, 30, 32, 40, 50, 60, 68, 80, 100


This appears to be the wide version, is it the latest release that is easier to assemble. ?

technical data sheet (TS-XXXX).




P50E Series TS-1143

http://solutions.3m.com/wps/portal/3M/en_US/Interconnect/Home/Products/ProductCat?N=4890+3293471877&rt=rud


All 3M Products Newsroom About 3M

United States

 **3M™ Interconnect Solutions**

Products | Tools & Resources | Markets | News & Events | Support & Training

3M™ Pak 50 Wiremount Socket, P50E Series



P50E Series, .050" Wiremount Socket, IDC, Latch Eject, for .050" Pitch cable

P50E connector terminates two separate 1.27 mm (50 mil) pitch flat ribbon cables

Accepts 28 AWG PVC cable

Latch/eject mechanism maintains a secure connection



Cable strain relief standard

Finished cable assemblies to customer specifications

Tooling available for customer cable assembly termination

See Regulatory Information Appendix (last page of Tech Data Sheet) for chemical compliance information

For more information, refer to Data Sheet TS1143 (TS-1143)


 

Need Help?

Questions? We can help

[Contact Us](#)

Part Number Search:

 Sign Up to see what your friends like.

Documents | **Find A Part** | **Mates With**

Data Sheet
[3M™ .050 in. WM Socket, .050" for .050" Pitch Cbl., TS1143](#) (PDF, 802.0KB)

Mating Tables
[3M™ Interconnect Mating Table](#) (PDF, 4.9MB)

Product Change Notice
[Pak 50 Wiremount and Boardmount Products](#) (PDF, 30.1KB)

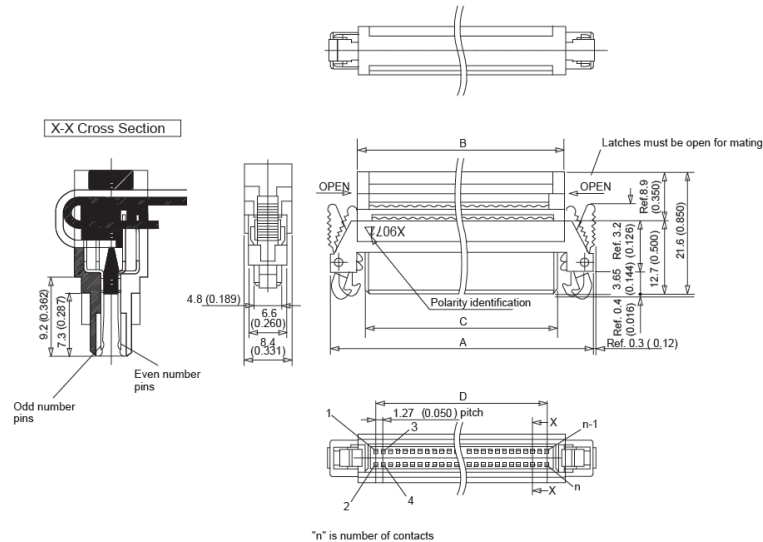
Regulatory Material
[Regulatory Compliance Information](#) (PDF, 143.2KB)

3D Models
[P50E-060S-XX, 3D IGES, rev. 02](#) (ZIP, 616.9KB)
[P50E-060S-XX, 3D Parasolid, rev. 02](#) (ZIP, 609.3KB)

<http://multimedia.3m.com/mws/media/2185370/3mtm-050-in-wm-socket-050-for-050-pitch-cbl-ts1143.pdf>

32	35.45 (1.396)	25.45 (1.002)	23.05 (0.907)	19.05 (0.750)
34	36.72 (1.446)	26.72 (1.052)	24.32 (0.957)	20.32 (0.800)
36	37.99 (1.496)	27.99 (1.102)	25.59 (1.007)	21.59 (0.850)
40	40.53 (1.596)	30.53 (1.202)	28.13 (1.107)	24.13 (0.950)

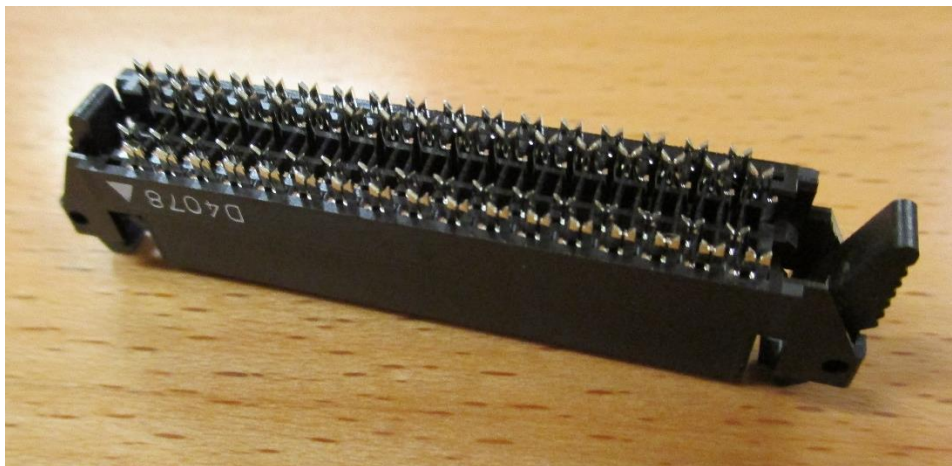
68	58.31 (2.296)	48.31 (1.902)	45.91 (1.807)	41.91 (1.650)
80	65.93 (2.596)	55.93 (2.202)	53.53 (2.107)	49.53 (1.950)
100	78.63 (3.096)	68.63 (2.702)	66.23 (2.607)	62.23 (2.450)

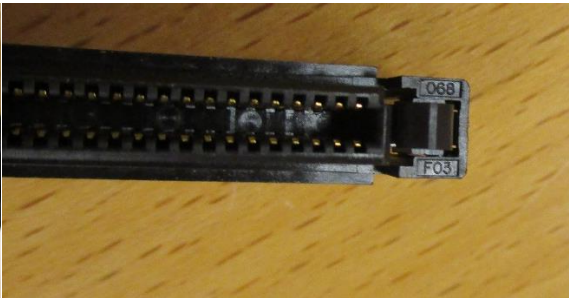
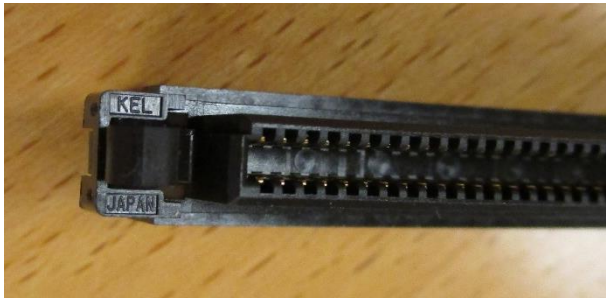
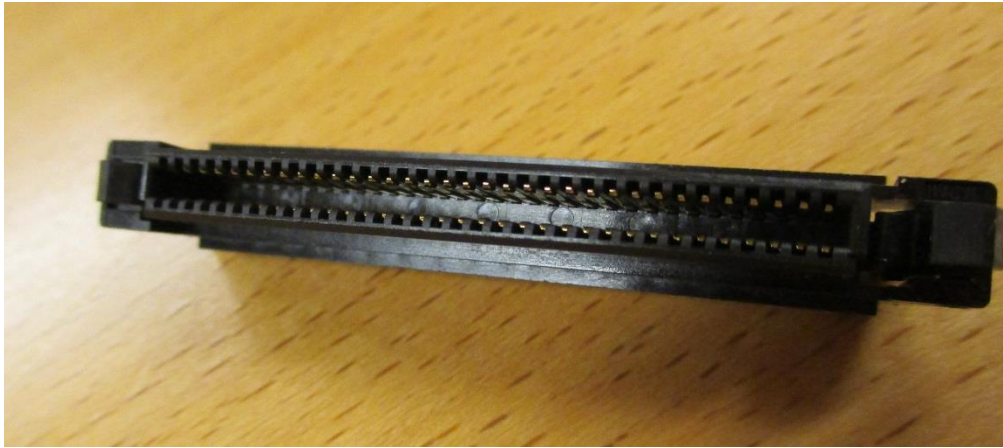


KEL Corporation supplies this;

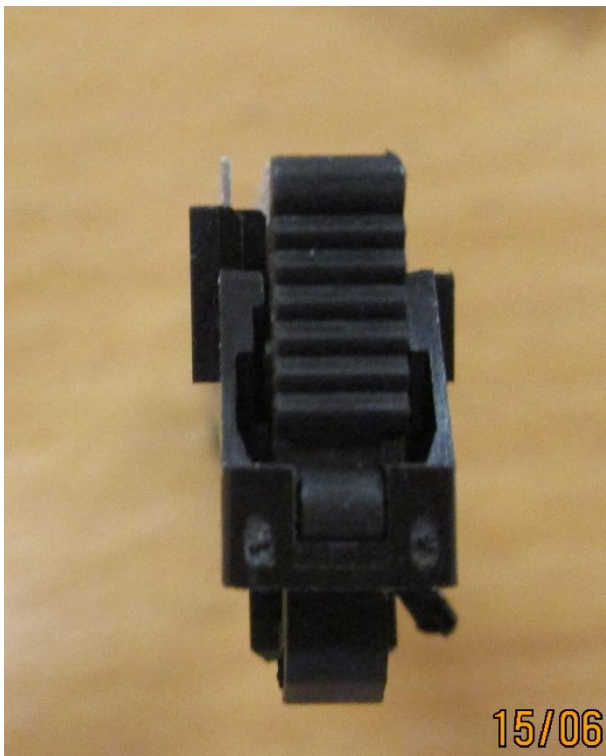


Which is thicker than the one used in the cable above !





You can read "KEL Japan" and "068 F03"



15/06



C.A.E.N. S.p.A.
 Head office and laboratories: Via Vetralla, 11 – I 66048 VIAREGGIO
 (ITALY)
 Phone: +39-0584-388388 Fax: +39-0584-388868
 E-mail: info.nuclear@caen.it URL: <http://www.caen.it>

DATA SHEET

A967 Adapter for P50E – 068S 68 Pin Connectors

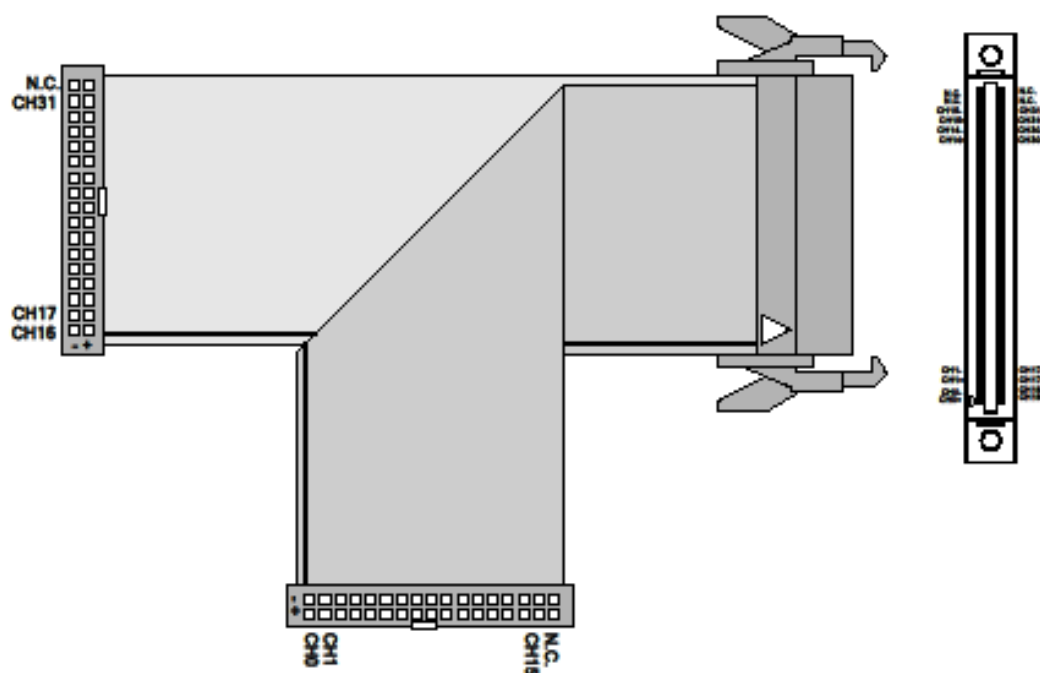


Overview

The Mod. A967 allows to adapt one 3M – P50E – 068S (Robinson Nugent 68pin type) high density flat connector (such as those used on V862, V767A, V767, V1190A/B, VX1190A/B, V1495 and others) into two 17+17-pin Header-type male connectors with locks through two 25 cm long flat cables.


Code	Cable	From/To	To/From
WA967XAAAAA	25 cm long flat, FILECA P34 QOHF 28-07	3M – P50E – 068S	3M 3431-5202 Header-type

The following picture (example of V1190) shows the pin correspondence of the A967



DO NOT use the rigid thick twisted pair cable from CERN stores (SCEM XXXXXXXX) as it is very difficult to work. Better to use the thinner cable from CERN stores (SCEMXXXXXX) that is NOT twisted pair as shown in the CAEN document.

<http://eu.mouser.com/search/ProductDetail.aspx?3M-Electronic-Solutions-Division%2fP50E-068S-EA%2f&q=1Dv50y8t490WWWsxqFoGcQ%3d%3d>



Mouser-Teilnr.: 517-P50E-068S-EA

Hersteller-Teilenummer: P50E-068S-EA

Hersteller: 3M Electronic Solutions Division

Beschreibung: Socket & Kabelgehäuse PAK50 WIREMNT SCKT 68P .05 PITCH CBL

Verfügbarkeit in Echtzeit

Lagerbestand: 31 sofort lieferbar

Auf Bestellung: 0

Lieferzeit ab: 10 Wochen

Hersteller:

Anzahl eingeben:

Kaufen Minimum: 1 Vielfache: 1

Preis (EUR)

1:	13,91 €
10:	12,83 €
25:	11,91 €
50:	11,11 €
100:	10,76 €
200:	10,26 €
500:	9,80 €
1.000:	9,26 €
2.000:	Kostenvorschlag

Hinzufügen zu Ihrem Projekt, Anmelden

Techn. Daten | Dokumente (1) | Meine Notizen

Hersteller: 3M ☒

Produktkategorie: Socket & Kabelgehäuse ☒

RoHS: ☒ Einzelheiten

Fabrikat: 3M Electronic Solutions Division

Produkt: Wire Housings ☐

Typ: Receptacle Housing ☐

Anzahl der Positionen: 68 Position ☐

Abstand: 1,27 mm ☐

Anzahl der Zeilen: 2 Row ☐

Montageart: ☐

Klemmenart: ☐

Montagewinkel: Straight ☐

Kontakt-Gender: ☐


Kontaktüberzug: ☐

Kontakmaterial: ☐

Kontakttyp: ☐

Nennstrom: 500 mA

Gehäusematerial: Nylon



Part No. / Keyword

☐ Stocked ☐ RoHS Compliant

Log In | Create Account | Order History | Subscription

Products | Manufacturers | Applications | Services & Tools | Catalogue | Help | Online Catalogue

Shopping Basket

QUALYS SECURE 23 Aug 2015

Mouser Part # OR Mfr.'s Part No. Your Part Number * Quantity

1 **Add to My Order**

* Your Part Number is an optional field.

All Products(1)

Continue Shopping **Schedule Order** **Checkout**

NEW To view your saved carts or to save this order as a project, Log In or create a My Mouser Account

Save basket **Share basket** **Update Basket**

Select All **Update Basket**

Remove	Product Detail	Customer Part No.	Order Qty.	Price (EUR)	Ext. (EUR)
<input type="checkbox"/>	<p>Mouser No: 517-P50E-068S-EA QuickView</p> <p>Mfr. #: P50E-068S-EA</p> <p>Manufacturer: 3M</p> <p>Desc.: Headers & Wire Housings PAK50 WIREMNT SCKT 68P .05 PITCH CBL</p> <p>RoHS: RoHS Compliant</p>	<input type="text"/>	<p>20</p> <p>Availability: 20 Dispatches Now</p>	12,83 €	256,60 €

Update Basket **Update Basket**

By submitting your order you agree to these [terms and conditions](#).

For additional information on availability, click on the Mouser Part No.

Incoterms: DDP
All prices include duty and customs fees on select shipping methods.
Free shipping on most orders over 65 € (EUR)

MERCHANDISE TOTAL: 256,60 €
DELIVERY CHARGE: 0,00 €
ORDER TOTAL: 256,60 €

<http://www.digikey.com/product-detail/en/P50E-068S-EA/P50E-068S-EA-ND/2340964>

Similar products available from Radio Sapres


<http://int.rsdelivers.com/product/3m/p50e-100s-ea/mil-idc-socket-100-contacts/8280475.aspx>

But not 68 contacts !!

Home > Connectors > PCB Connectors > IDC Connectors

MIL IDC SOCKET 100 CONTACTS

NEW



Price Each

Please log in to see the latest prices [Register/Login](#)
P.O.A.
Temporarily out of stock in the UK
(Order in multiples of 1) [Add](#)


RoHS Status
RS Stock No.
Brand
Mfr Part No.

[Compliant](#)
828-0475
3M
P50E-100S-EA

Product Details | Product Information | **Similar Products**

Sort by Product Type

You are viewing 1 - 4 of 4 results

	Brand	Brand	Number Of Contacts	Number Of Rows	Gender	Price
 NEW 828-0475 P50E-100S-EA	-		100	2	Female	P.O.A. Each Add Click here to check stock

Ian Crotty

15 June 2015

Other photos here;

<http://rpc-cms-re4-upscope.web.cern.ch/rpc-cms-re4-upscope/RPC/GIFPlusPlus/Services/SignalTDCAdaptor/PhotosTDCcableJune2015/>

And this document here;

<http://rpc-cms-re4-upscope.web.cern.ch/rpc-cms-re4-upscope/RPC/GIFPlusPlus/Services/SignalTDCAdaptor/TDC CableAdapter.pdf>