

N Series

Features

- 50 ohm and 75 ohm Compatible Versions
- Choice of Plating Options
- Cable Connectors, Bulkhead, Panel and Adapters Available
- Available for a Wide Selection of Cables
- Choice of Solder/Clamp and Crimp/Crimp Cable Connectors

N connectors have a threaded coupling mechanism to provide a rigid coaxial termination. The range covers cable connectors (flexible and semi-rigid), bulkhead, panel and adapter versions and most are available in 50 ohm or 75 ohm compatible impedance. The most popular cable entry versions are those with solder center contact and clamp outer contact, or crimp center contact, and crimp outer contact. Full crimp versions offer reduced production time and fast, consistent, reliable connections at a low applied cost. Standard finish is bright nickel plated body and silver plated center contact. Other finishes are also available. M/A-COM N connectors are manufactured to ensure compatibility with connectors manufactured to the MIL-C-39012 specification.

Methods of Cable Retention

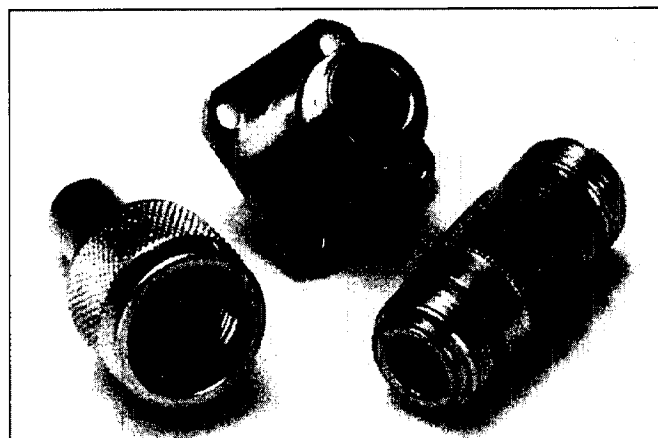
Solder/Clamp Piece Parts

The clamp method of fastening connectors to coaxial cable requires mechanical clamping of the braid, usually by means of a threaded nut, and soldering of the center conductor to the contact. In some cases the braid of flexible cable can be soldered directly to the connector ferrule. The main advantage of the clamp/solder termination is its independence from special tools - only common workshop tools are needed. It also has the advantage that the joint can be inspected and if necessary, be re-made with or without shortening the cable.

Crimp Piece Parts

A crimped connector comprises only a few piece parts, typically only three, a center contact, body and crimp sleeve. It produces a fast consistent and reliable connection at a low installed cost. Consistency is assured by using ratchet controlled crimp tools that do not release until the die set has bottomed.

Crimp connectors are not reusable. If re-termination is required, the unwanted connector must be cut from the cable.



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The following factors should be considered when selecting a connector:

Series	(Consider Application, Compatibility)
Impedance	(50 or 75 ohms)
Style	(Plug, Jack, Adapter...etc.)
Finish	(Bright Nickel, Gold...etc.)
Method of Assembling Connector to Cable	(Crimp, Clamp or Solder)

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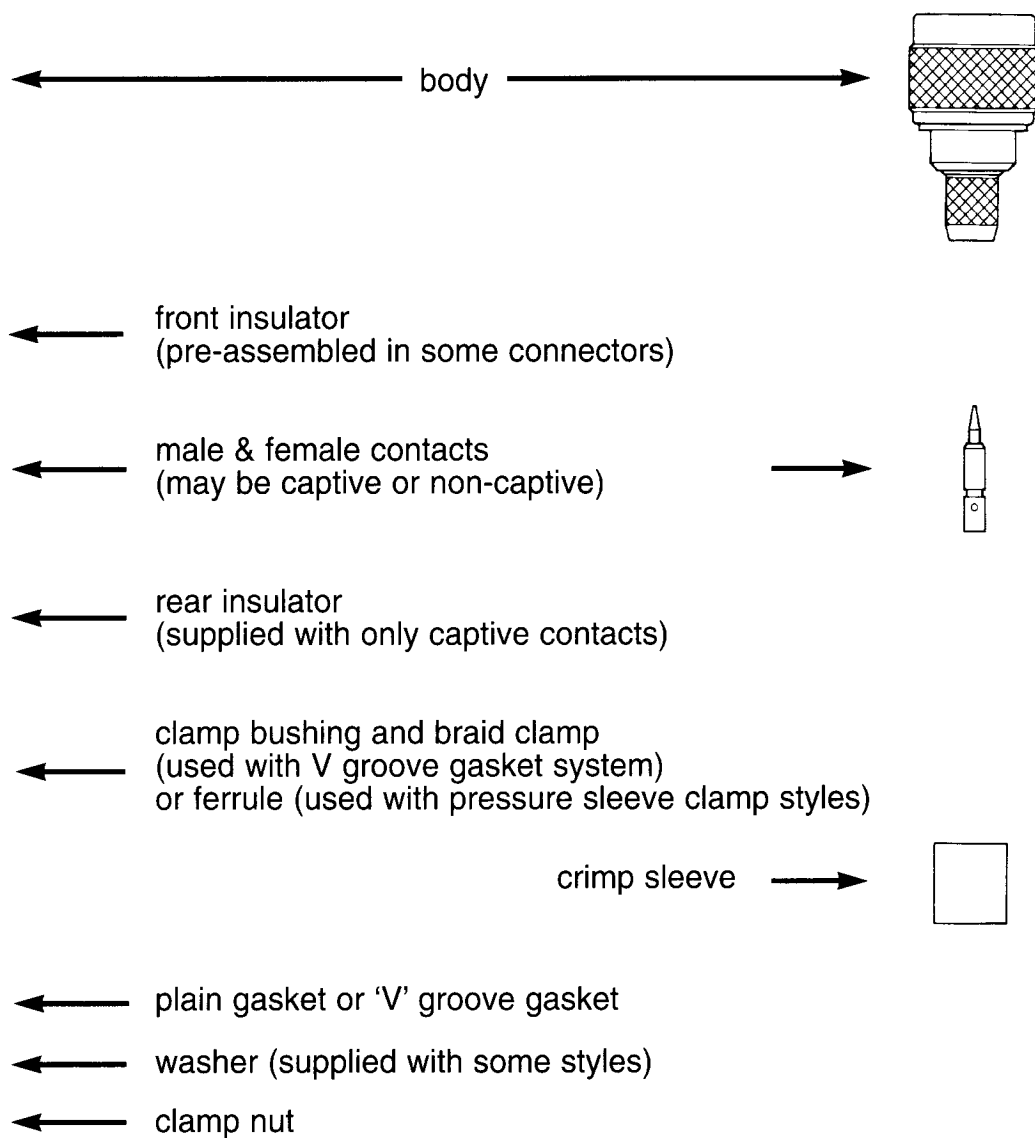
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TYPICAL PIECE PARTS IN SOLDER/CLAMP AND CRIMP/CRIMP CONNECTORS

Solder/clamp connectors

Solder/crimp and crimp/crimp connectors



The piece parts indicated above are typical for N connectors. For assembly information and to assist recognition and checking of parts supplied, consult our Sales Office.

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N Series Specifications

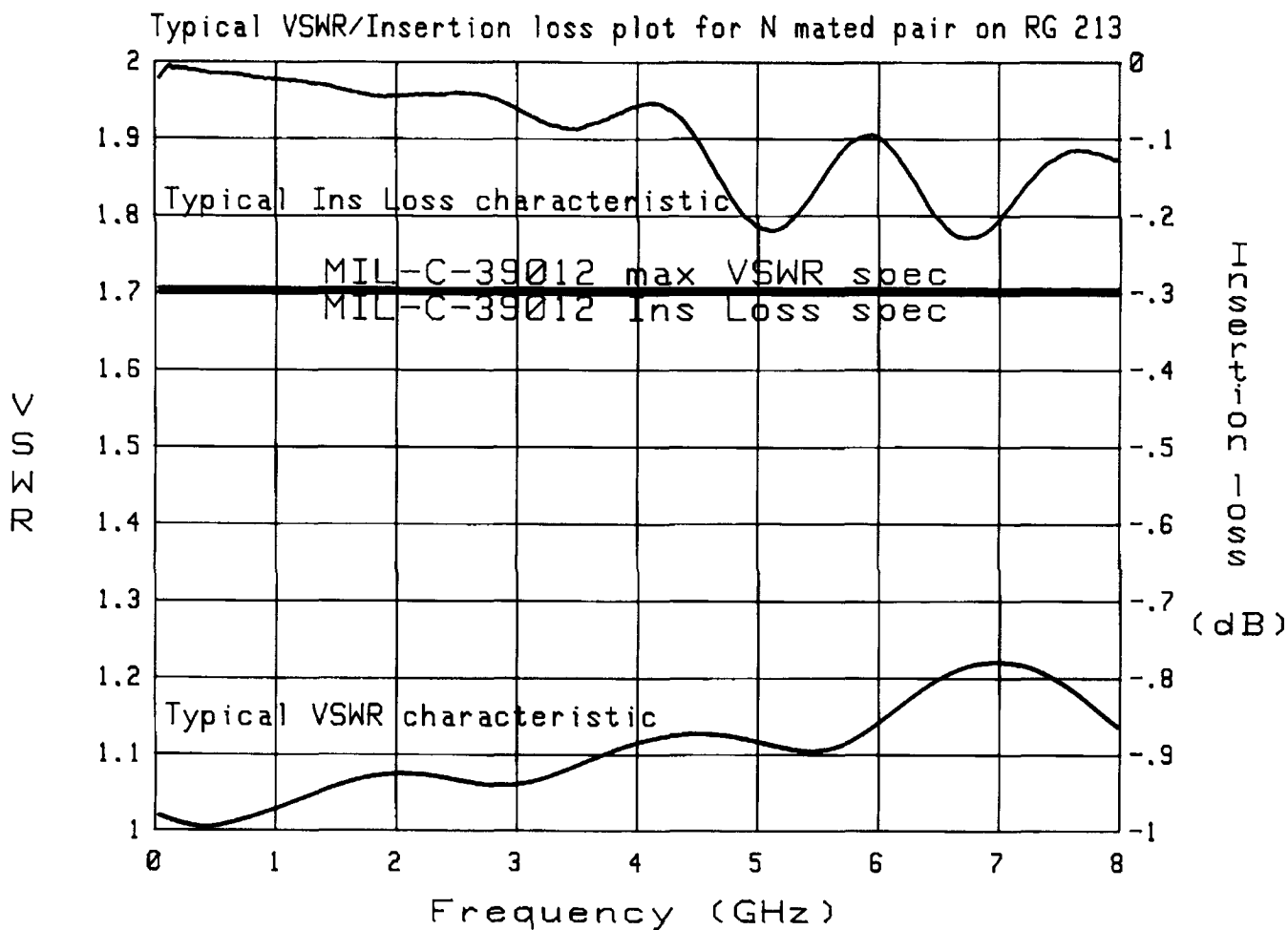
N connectors have been designed to be fully intermatable with MIL-C-39012 connectors. All the information included within this page is typical for the series but will not necessarily apply to every style or version.

Specification	Straight Cable Connectors	Right Angle Cable Connectors and Adapters	Tee Adapters and Receptacles
V.S.W.R. at 1 GHz	NA	1.35 max	NA
V.S.W.R. at 4 GHz	1.30 max	1.50 max	NA
Max capacitance	NA	NA	5 pF
Max insertion loss (at 3 GHz)	0.15 dB	0.30 dB	NA
R.F. leakage (between 2 GHz & 3 GHz)	-90dB min -90dB max	NA	NA
Max working voltage (At sea level)	1000V rms		
(At an altitude of 26 km)	350V rms		
Max proof voltage d.c. (At sea level)	2 kV peak		
(At an altitude of 26 km)	750V peak		
Max proof voltage R.F. (5 MHz at sea level)	1500V peak		
Max current rating at 1GHz	3.2 kw 10 GHz 950W		
Insulation resistance (min)	5G ohm		
Max contact resistance (Center contact)	1.0m ohm		
(Outer contact)	0.25m ohm		
(Braid to body)	0.05m ohm		
Piece part specification	Base materials	Plating types	
Body parts	Brass	Bright nickel over copper	
Insulators	P.T.F.E.	NA	
Gaskets	Silicone rubber	NA	
Center contacts	Brass or Beryllium copper	Passivated silver over copper	

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TYPICAL VSWR AND INSERTION LOSS CHARACTERISTICS



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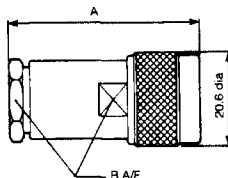
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N Series

STRAIGHT PLUGS

Solder center contact,
clamp outer



Impedance	Cable group ①	Part Number ②	A	B	
50 ohm	001	N15 A14 • 001 X99	43.9	15.9	Captive contact, pressure sleeve cable clamp
50 ohm	004	N15 A01 • 004 X99	44.5	18.3	UG Style item, non-captive contact, plain gasket
50 ohm	004	N15 A17 • 004 X99	43.9	15.9	Non-captive contact, V groove gasket, braid clamp
50 ohm	004	N15 A15 • 004 X99	43.9	15.9	Captive contact, V groove gasket, braid clamp
50 ohm	004	N15 A14 • 004 X99	43.9	15.9	Captive contact, pressure sleeve cable clamp
50 ohm	434	N15 A16 • 434 X99	43.9	15.9	Captive contact, plain gasket, braid-clamp
75 ohm	001	N17 A01 • 001 X99	43.9	15.9	UG Style item, non-captive contact, plain gasket
75 ohm	001	N17 A14 • 001 X99	43.9	15.9	Captive contact, pressure sleeve cable clamp
75 ohm	004	N17 A14 • 004 X99	43.9	15.9	As above

① For cable group to cable type cross reference refer to page 200.

② Replace the • in the part number with required plating code, see page 3 for details.

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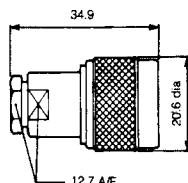
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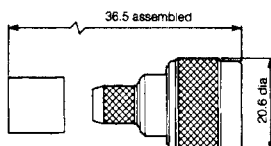
STRAIGHT PLUGS

**Solder center contact,
clamp outer**



Impedance	Cable group ①	Part Number ②	
50 ohm	009	N15 A55 • 009 X99	Captive contact, pressure sleeve cable clamp
50 ohm	010	N15 A54 • 010 X99	Non-captive contact, V groove gasket, braid clamp
50 ohm	010	N15 A56 • 010 X99	Captive contact, braid clamp, V groove gasket
50 ohm	010	N15 A55 • 010 X99	Captive contact, pressure sleeve cable clamp
50 ohm	022	N15 A55 • 022 X99	As above
50 ohm	060	N15 A55 • 060 X99	As above
50 ohm	073	N15 A55 • 073 X99	As above (for semi-rigid cable)
75 ohm	012	N17 A55 • 012 X99	As above
75 ohm	025	N17 A55 • 025 X99	As above

**Crimp center contact,
crimp outer**



Impedance	Cable group ①	Part Number ②	Crimp tool ③
50 ohm	001	N15 A61 • 001 X99	30051 or 30074
50 ohm	004	N15 A61 • 004 X99	30051 or 30074
50 ohm	010	N15 A61 • 010 X99	30040 or 30074 or 30039
50 ohm	060	N15 A61 • 060 X99	30040 or 30074 or 30039
50 ohm	373	N15 A61 • 373 X99	30051 or 30074

① For cable group to cable type cross reference refer to page 200.

② Replace the • in the part number with required plating code, see page 3 for details.

③ Crimp tool 30039 requires separate dies, for all details on tooling, see page 194.

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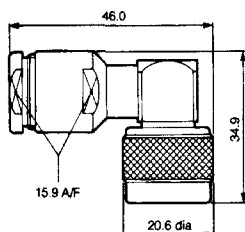
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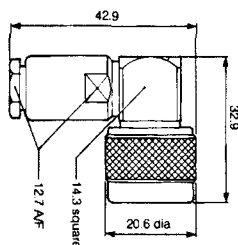
ELBOW PLUGS

Solder center contact, clamp outer



Impedance	Cable group ①	Part Number ②	
50 ohm	001	N15 B03 • 001 X99	Captive contact, pressure sleeve cable clamp
50 ohm	004	N15 B02 • 004 X99	UG Style item, non-captive contact, V groove gasket
50 ohm	004	N15 B03 • 004 X99	Captive contact, pressure sleeve cable clamp
75 ohm	001	N17 B03 • 001 X99	As above
75 ohm	004	N17 B03 • 004 X99	As above

Solder center contact, clamp outer



Impedance	Cable group ①	Part Number ②	
50 ohm	009	N15 B74 • 009 X99	Captive contact, pressure sleeve cable clamp
50 ohm	010	N15 B74 • 010 X99	As above
50 ohm	060	N15 B74 • 060 X99	As above
75 ohm	012	N17 B74 • 012 X99	As above
75 ohm	025	N17 B74 • 025 X99	As above

① For cable group to cable type cross reference refer to page 200.

② Replace the • in the part number with required plating code, see page 3 for details.

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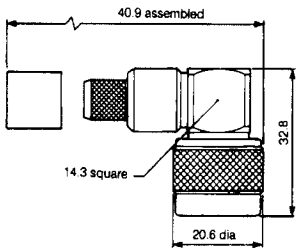
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N Series

ELBOW PLUGS

Crimp center contact,
crimp outer

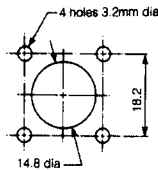
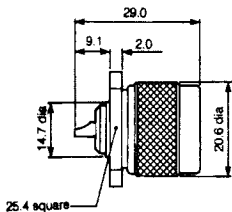


Impedance	Cable group ①	Part Number ②	Crimp tool ③
50 ohm	001	N15 B61 • 001 X99	30051 or 30074
50 ohm	004	N15 B61 • 004 X99	30051 or 30074
50 ohm	010	N15 B61 • 010 X99	30039 or 30040 or 30074
50 ohm	060	N15 B61 • 060 X99	30039 or 30040 or 30074

PANEL PLUG

Straight

panel mounting details



Impedance	Part Number ②
50 ohm	N15 C20 • 999 C99

① For cable group to cable type cross reference refer to page 200.
② Replace the • in the part number with required plating code, see page 3 for details.
③ Crimp tool 30039 requires separate dies, for all details on tooling, see page 194.
Please contact the Sales Office for any uncataloged requirements.

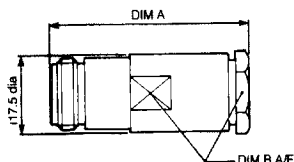
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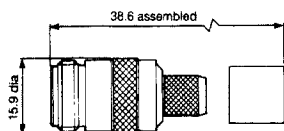
STRAIGHT JACKS

**Solder center contact,
clamp outer**



Impedance	Cable group ①	Part Number ②	A	B	
50 ohm	001	N15 E21 • 001 X99	39.7	15.8	Captive contact, pressure sleeve cable clamp
50 ohm	004	N15 E04 • 004 X99	46.0	18.3	UG Style item, non-captive contact plain gasket
50 ohm	004	N15 E21 • 004 X99	39.7	15.8	Captive contact, pressure sleeve cable clamp
50 ohm	010	N15 E30 • 010 X99	37.3	12.7	Captive contact, braid clamp V groove gasket
50 ohm	010	N15 E31 • 010 X99	37.3	12.7	Captive contact, pressure sleeve, cable clamp
50 ohm	060	N15 E31 • 060 X99	37.3	12.7	As above
75 ohm	001	N17 E22 • 001 X99	39.7	15.8	As above
75 ohm	004	N17 E22 • 004 X99	39.7	15.8	As above
75 ohm	012	N17 E21 • 012 X99	37.3	12.7	As above
75 ohm	025	N17 E21 • 025 X99	37.3	12.7	As above

**Crimp center contact,
crimp outer**



Impedance	Cable group ②	Part Number ②	Crimp tool ③
50 ohm	001	N15 E61 • 001 X99	30051 or 30074
50 ohm	004	N15 E61 • 004 X99	30051 or 30074
50 ohm	010	N15 E61 • 010 X99	30039 or 30040 or 30074
50 ohm	060	N15 E61 • 060 X99	30039 or 30040 or 30074

① For cable group to cable type cross reference refer to page 200.

② Replace the • in the part number with required plating code, see page 3 for details.

③ Crimp tool 30039 requires separate dies, for all details on tooling, see page 196.

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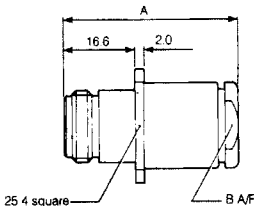
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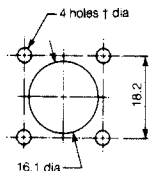
N Series

PANEL JACKS

Solder center contact, clamp outer



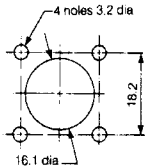
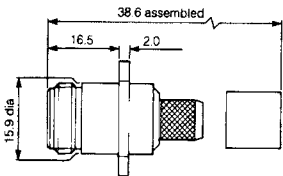
panel mounting details fixing hole sizes
(see part No)
3.2mm dia — C
4.40 UNC — F
6 BA — G



Impedance	Cable group ①	Part Number ②	A	B	
50 ohm	001	N15 G06 • 001 †99	39.7	15.8	Captive contact pressure sleeve cable clamp
50 ohm	004	N15 G06 • 004 †99	39.7	15.8	As above
50 ohm	010	N15 G57 • 010 †99	37.3	12.7	As above
50 ohm	022	N15 G57 • 022 †99	37.3	12.7	As above
50 ohm	073	N15 G57 • 073 †99	37.3	12.7	As above (for semi-rigid)
75 ohm	012	N17 G57 • 012 †99	37.3	12.7	As above
75 ohm	025	N17 G57 • 025 †99	37.3	12.7	As above

Crimp center contact, crimp outer

panel mounting details



Impedance	Cable group ①	Part Number ②	Crimp Tool ③
50 ohm	001	N15 G61 • 001 †99	30051 or 30074
50 ohm	004	N15 G61 • 004 †99	30051 or 30074
50 ohm	010	N15 G61 • 010 †99	30039 or 30040 or 30074
50 ohm	060	N15 G61 • 060 †99	30039 or 30040 or 30074

① For cable group to cable type cross reference refer to page 200.
② Replace the • in the part number with required plating code, see page 3 for details.
† Replace the † in the part number with the letter corresponding to fixing hole sizes.
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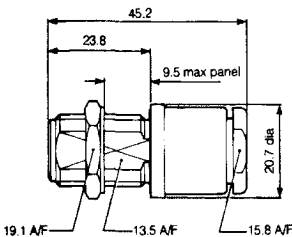
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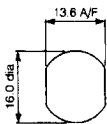
N Series

BULKHEAD JACKS

Solder center contact,
clamp outer
(rear mount)

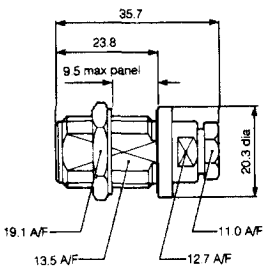


panel mounting details

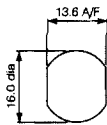


Impedance	Cable group ①	Part Number ②	
50 ohm	001	N15 H32 • 001 X99	Captive contact, pressure sleeve cable clamp
50 ohm	004	N15 H32 • 004 X99	As above

Solder center contact,
clamp outer
(rear mount)



panel mounting details



Impedance	Cable group ①	Part Number ②	
50 ohm	010	N15 H41 • 010 X99	Captive contact pressure sleeve cable clamp
50 ohm	022	N15 H41 • 022 X99	As above
50 ohm	073	N15 H41 • 073 X99	As above (for semi-rigid cable)
75 ohm	012	N17 H41 • 012 X99	As above
75 ohm	022	N17 H41 • 022 X99	As above
75 ohm	025	N17 H41 • 025 X99	As above

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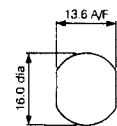
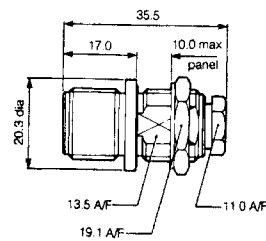
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BULKHEAD JACKS

Solder center contact,
clamp outer
(front mount)

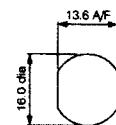
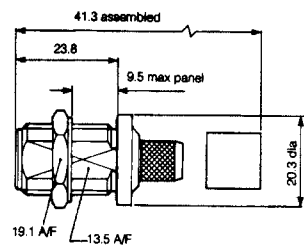
panel mounting details



Impedance	Cable group ①	Part Number ②	
50 ohm	010	N15 H31 • 010 X99	Captive contact pressure sleeve cable clamp
50 ohm	022	N15 H31 • 022 X99	As above

Crimp center contact,
crimp outer

panel mounting details



Impedance	Cable group ①	Part Number ②	Crimp Tool ③
50 ohm	001	N15 H61 • 001 X99	30051 or 30074
50 ohm	004	N15 H61 • 004 X99	30051 or 30074
50 ohm	010	N15 H61 • 010 X99	30039 or 30040 or 30074
50 ohm	060	N15 H61 • 060 X99	30039 or 30040 or 30074

① For cable group to cable type cross reference refer to page 200.
② Replace the • in the part number with required plating code, see page 3 for details.
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③ Crimp tools 30039 and 30051 require the separate dies. For all details on tooling, see page ≈.

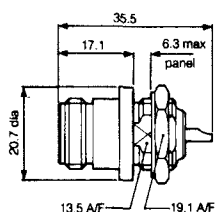
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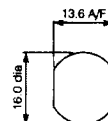
N Series

BULKHEAD SOCKETS

Straight (rear mount)



panel mounting details



Impedance

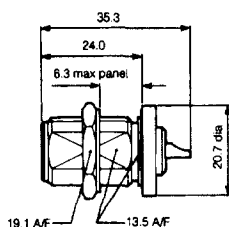
50 ohm
50 ohm
75 ohm

Part Number ①

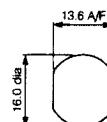
N15 M33 • 999 X99
N15 M32 • 999 X99
N17 M33 • 999 X99

Panel sealed version

Straight (front mount)



panel mounting details



Impedance

50 ohm
50 ohm

Part Number ①

N15 M34 • 999 X99
N15 M35 • 999 X99

Panel sealed version

① Replace the • in the part number with required plating code see page 3 for details.
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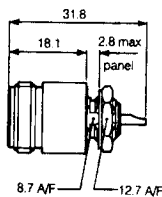
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N Series

BULKHEAD SOCKET

Straight



panel mounting details



Impedance

50 ohm

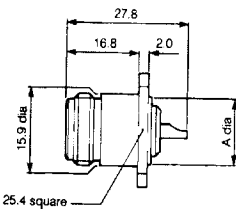
Part Number ①

N15 M28 • 999 X99

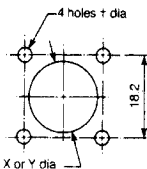
BNC size mounting hole

PANEL SOCKETS

Straight



panel mounting details fixing hole sizes
(see part No)
3.2mm dia — C
6 BA — G



Impedance

50 ohm

Part Number ①

N15 K07 • 999 †99

A

14.7

X

16.1

Y

14.9

X = rear mounting

50 ohm

N15 K42 • 999 †99

12.0

16.1

12.2

Y = front mounting

75 ohm

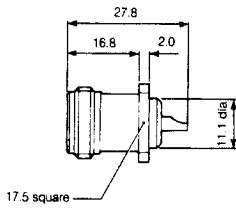
N17 K07 • 999 †99

14.7

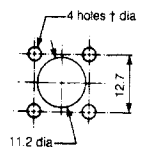
16.1

14.9

Straight



panel mounting details fixing hole sizes
(see part No)
3.0 dia — H
2.8 dia — K



Impedance

50 ohm

Part Number ①

N15 K11 • 999 †99

① Replace the • in the part number with required plating code see page 3 for details.
† Replace the † in the part number with the letter corresponding to fixing hole sizes.
Please contact the Sales Office for any uncataloged requirements.

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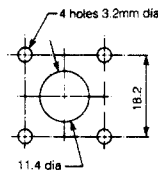
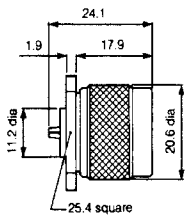
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N Series

LAUNCHERS

Panel plug, sliding contact

panel mounting details



Impedance

50 ohm

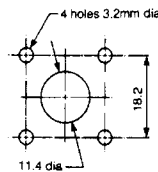
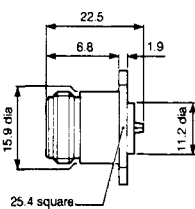
Part Number ①

N15 C46 • 999 C99

Socket contact on rear to accept pin 1.65mm dia.

Panel socket, sliding contact

panel mounting details



Impedance

50 ohm

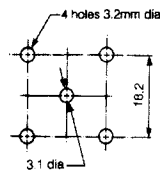
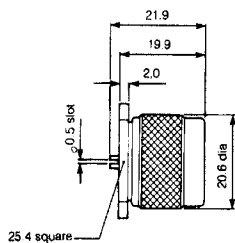
Part Number ①

N15 K45 • 999 C99

Socket contact on rear to accept pin 1.65mm dia.

Panel plug, slotted contact* flush dielectric

panel mounting details



Impedance

50 ohm

Part Number ①

N15 T33 • 999 C99

Other contact variants available.

① Replace the • in the part number with required plating code see page 3 for details.

* Other contact styles available.

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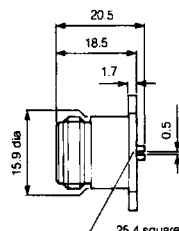
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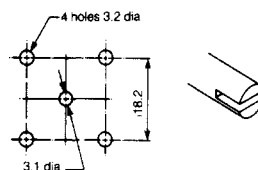
N Series

LAUNCHERS

Panel socket, slotted contact, * flush dielectric



panel mounting details



Impedance

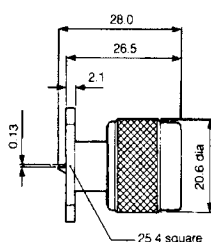
50 ohm

Part Number ①

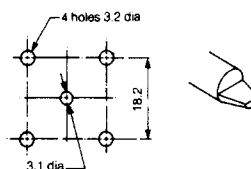
N15 S33 • 999 C99

Captive contact

Panel plug, semi-slotted contact, * flush dielectric



panel mounting details



Impedance

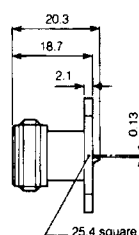
50 ohm

Part Number ①

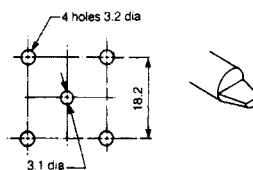
N15 T53 • 999 C99

Captive contact

Panel socket, semi-slotted contact, * flush dielectric



panel mounting details



Impedance

50 ohm

Part Number ①

N15 S50 • 999 C99

Captive contact

① Replace the • in the part number with required plating code see page 3 for details.

* Other contact styles available.

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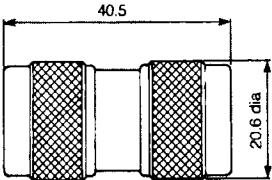
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N Series

ADAPTERS

Straight adapter, plug to plug



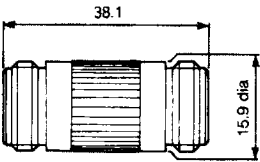
Impedance

50 ohm
75 ohm

Part Number ①

N15 P10 • 999 X99
N17 P10 • 999 X99

Straight adapter, jack to jack



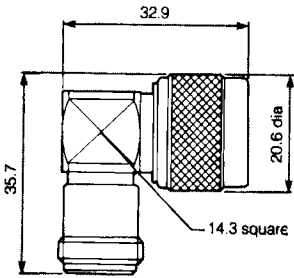
Impedance

50 ohm
75 ohm

Part Number ①

N15 P12 • 999 X99
N17 P12 • 999 X99

Elbow adapter, plug to jack



Impedance

50 ohm
75 ohm

Part Number ①

N15 P09 • 999 X99
N17 P09 • 999 X99

① Replace the • in the part number with required plating code see page 3 for details.
Please contact the Sales Office for any uncataloged requirements.

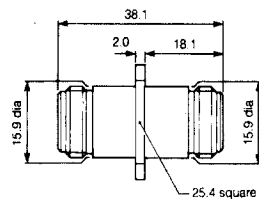
All measurements are in millimeters unless otherwise specified.

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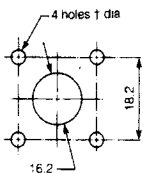
N Series

ADAPTERS

Panel adapter, jack to jack



panel mounting details fixing hole sizes
 (see part No)
3.2mm dia — C
4.40 UNC — F
6.32 UNC — J



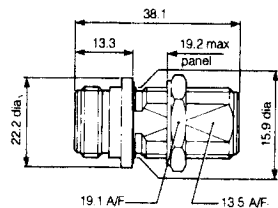
Impedance

50 ohm
75 ohm

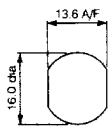
Part Number ①

N15 R30 • 999 †99
N17 R30 • 999 †99

Bulkhead adapter, jack to jack



panel mounting details



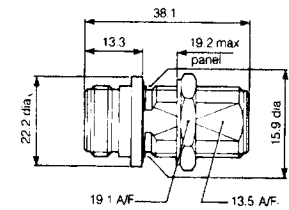
Impedance

50 ohm

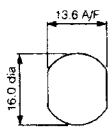
Part Number ①

N15 R56 • 999 X99

Bulkhead adapter, jack to jack (panel sealed)



panel mounting details



Impedance

50 ohm

Part Number ①

N15 R07 • 999 X99

① Replace the • in the part number with required plating code see page 3 for details.
Please contact the Sales Office for any uncataloged requirements.

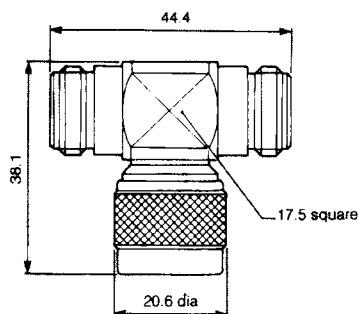
All measurements are in millimeters unless otherwise specified.

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N Series

ADAPTERS

Tee adapter, one plug two jacks



Impedance

50 ohm

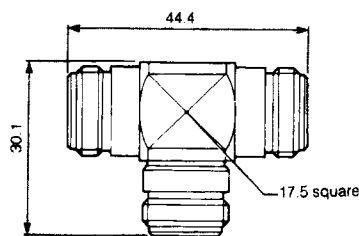
75 ohm

Part Number ①

N15 P08 • 999 X99

N17 P08 • 999 X99

Tee adapter, three jacks



Impedance

50 ohm

75 ohm

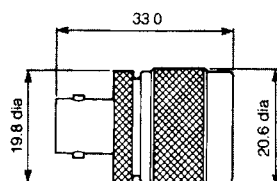
Part Number ①

N15 P29 • 999 X99

N17 P29 • 999 X99

INTER SERIES ADAPTERS

Straight N plug to BNC jack



Impedance

50 ohm

Part Number ①

A55 P28 • 999 X99

① Replace the • in the part number with required plating code see page 3 for details.
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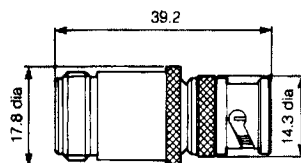
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N Series

INTER SERIES ADAPTERS

Straight N jack to BNC plug

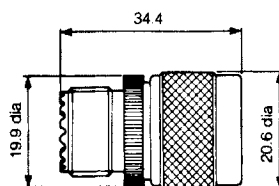
**Impedance**

50 ohm

Part Number ①

A55 P04 • 999 X99

Straight N plug to UHF jack

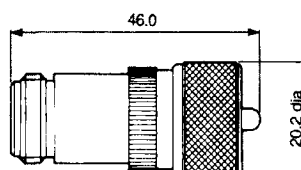
**Impedance**

50 ohm

Part Number ①

A55 P32 • 999 X99

Straight N jack to UHF plug

**Impedance**

50 ohm

Part Number ①

A55 P09 • 999 X99

① Replace the • in the part number with required plating code see page 3 for details.
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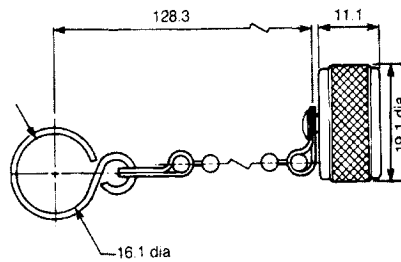
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N Series

CAPS

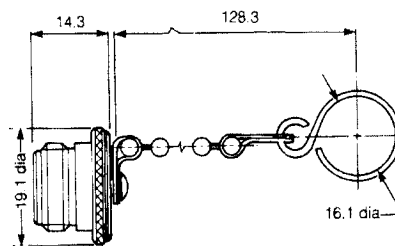
(With chain)



Part Number ①

N10 Z01 • 999 X99

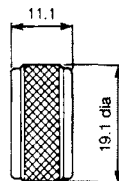
(With chain)



Part Number ①

N10 Z03 • 999 X99

Cap



Part Number ①

N15 Z02 • 999 X99

① Replace the • in the part number with required plating code see page 3 for details.
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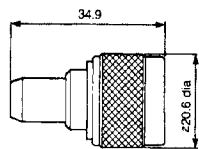
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N Series

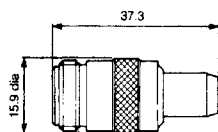
TERMINATIONS

(Plug)



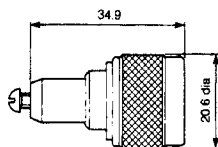
Impedance	Part Number ①	Specification
50 ohm	N15 X40 • 999 X99	1.0W VSWR 1.1 (DC to 1GHz)/1.2(1GHz-2GHz)

(Female)



Impedance	Part Number ①	Specification
50 ohm	N15 X41 • 999 X99	1.0W VSWR 1.1 (DC to 1GHz)/1.2 (1GHz-2GHz)

With earth screw (male)



Impedance	Part Number ①	Specification
50 ohm	N15 X42 • 999 X99	1.0W VSWR 1.1(DC to1GHz)/1.2(1GHz-2GHz)

① Replace the • in the part number with required plating code see page 3 for details.
Please contact the Sales Office for any uncataloged requirements.

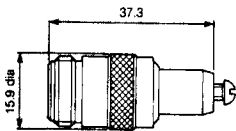
All measurements are in millimeters unless otherwise specified.

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N Series

TERMINATIONS

With earth screw
(female)

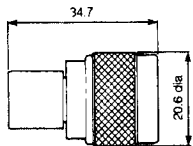


Impedance
50 ohm

Part Number ①
N15 X43 • 999 X99

Specification
1.0W VSWR 1.1 (DC-1GHz)/1.2 (1GHz-2GHz)

High performance
(male)

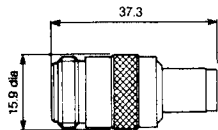


Impedance
50 ohm

Part Number ①
N15 X02 • 999 X99

Specification
1.0W VSWR 1.05 (DC-1GHz)/1.2 (1GHz-4GHz)

High performance
(female)



Impedance
50 ohm

Part Number ①
N15 X01 • 999 X99

Specification
1.0W VSWR 1.05 (DC-1GHz)/1.2 (1GHz-4GHz)

① Replace the • in the part number with required plating code see page 3 for details.
Please contact the Sales Office for any uncataloged requirements.

All measurements are in millimeters unless otherwise specified.

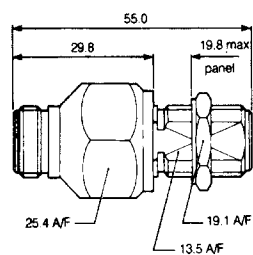
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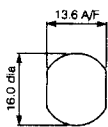
N Series

SURGE ARRESTER

Bulkhead surge arrester jack to jack



panel mounting details



Impedance

50 ohm

Part Number ①

M80 X20 • 999 X99

Surge arrester capsule characteristics:

Construction	gas filled metal-ceramic
Strike Voltage, d .c.	150-250V
Arc Voltage (approx.)	25V
Surge strike voltage, (max) at 1 kVns rise	...1 kV
Glow to arc transition current (approx.)	1.5A
Glow voltage (approx.) at 10mA	180V
Holdover voltage (max.)	100V
Peak current (max.)	5 kA

Note:

Peak current is specified for an 8:20 microsecond waveform, 5 pulses of each polarity. At higher peak currents, and under a.c. conditions, the tendency is to fail to short circuit.

R.F. power rating:

The permissible rf power may be estimated from the minimum d.c. strike voltage of 150V, taking account also of the maximum VSWR of the system in which it is installed. In general it must be assumed that the surge arrester may be located at a voltage maximum, and the power de-rated accordingly in line with the applicable VSWR.

① Replace the • in the part number with required plating code see page 3 for details.
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All measurements are in millimeters unless otherwise specified.

M/A-COM, Inc.

Cable Group Cross Reference

Below is a list of typical cables which fall into the cable group classifications relevant to the connectors outlined in this catalog.

Cable Group to Cable Type

Cable Group	Impedance	Cable Type
001	50	PSF1/4M (BBC), RG8A/U, RG213/U, URM67
001	75	RG11A/U, RG63B/U, RG114A/U, URM64
004	50	RG9B/U, RG214/U, URM91
004	75	RG13A/U, RG216/U, URM60
007	75	PSF1/2M (BBC), BELDEN 8281
009	50	RG303/U, URM72, URM108
010	50	RG58C/U, RG141A/U, URM43, URM76
012	75	URM70
022	50	RG174A/U, RG188A/U, RG316/U, URM95
022	75	RG179B/U, RG187A/U, TM3289, URM111
024	50	RG178B/U, RG196A/U, T3263, URM110
025	75	RG59B/U, RG62A/U, RG140/U, TM3304
027	75	TM3231
028	75	URM203, URM205
029	50	TM3250, TM3328
030	75	BT502A, BT2001
052	75	URM201, URM202, T3020, T3022
060	50	RG55B/U, RG142B/U, RG223/U, RG400/U URM301
062	75	BT500B, BT2003, BT2003A
073	50	RG402/U, UT141A
079	50	RG143A/U

Cable Type to Cable Group

Cable Type	Impedance	Cable Group
AMPHENOL 21-597	75	119
BELDEN 8281	75	007
BELDEN 9907	50	B10
BT500B	75	062
BT502A	75	030
BT502B	75	117
BT2001	75	030
BT2002	75	117
BT2003	75	062
BT2003A	75	062
BT3002	75	437
H100	50	434
H9588	50	373
MM10/75 (UKAEA)	75	334
MM11/50 (UKAEA)	50	339
PRECISION TUBES BA50085	50	285
PSF1/2M (BBC)	75	007
PSF1/3M (BBC)	75	366, 025
PSF1/4M (BBC)	50	001
RAYDEX RA768	75	768
RG6A/U	75	079
RG8A/U	50	001
RG9B/U	50	004
RG11A/U	75	001
RG13A/U	75	004
RG55B/U	50	060
RG58C/U	50	010
RG59B/U	75	A25, 025
RG62A/U	93	B25, 025
RG63B/U	75	001
RG71B/U	93	025
RG114A/U	75	001
RG122/U	75	B35
RG140/U	75	A25, 025
RG141A/U	50	010
RG142B/U	50	060
RG143A/U	50	079
RG174A/U	50	022
RG178B/U	50	024
RG179B/U	75	022
RG187A/U	75	022
RG188A/U	50	022
RG196A/U	50	024

Continued on next page.

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Cable Group Cross Reference

Cable Group to Cable Type (continued)

Cable Group	Impedance	Cable Type
079	75	RG6A/U
117	75	BT502B, BT2002
119	75	AMPHENOL 21-597
277	50	UT250-A
280	75	BT2001
285	50	UT85C, PRECISION TUBES BA50085
339	50	MM11/50 (UKAEA)
344	75	MM10/75 (UKAEA)
366	75	PSF1/3M (BBC), TM3304
373	50	BELDEN 9880, BELDEN 89880, H9588
434	50	POPE H100
437	75	BT3002, TZC750/24
B04	50	RG393/U
B10	50	BEDEN 9907, RG58C/U
A25	75	RG59B/U, RG140/U, URM90
B25	75	RG62A/U, RG210/U
B35	75	RG122/U

Cable Type to Cable Group (continued)

Cable Type	Impedance	Cable Group
RG210/U	75	025
RG212A/U	50	079
RG213/U	50	001
RG214/U	50	004
RG216/U	75	004
RG222/U	50	079
RG223/U	50	060
RG303/U	50	009
RG316/U	50	022
RG393/U	50	B04
RG402/U	50	073
T3020 (BICC)	75	052
T3022 (BICC)	75	052
T3263 (BICC)	50	024
TM3231 (BICC)	75	027
TM3250 (BICC)	75	029
TM3289 (BICC)	75	022
TM3304 (BICC)	75	025, 366
TM3306	50	022
TM3328 (BICC)	50	029
TZC750/24	75	437
URM43	50	010
URM60	75	004
URM64	75	001
URM67	50	001
URM70	75	012
URM72	50	009
URM76	50	010
URM90	75	A25, 025
URM91	50	004
URM95	50	022
URM108	50	009
URM110	50	024
URM111	75	022
URM201	75	052
URM202	75	052
URM203	75	028
URM205	75	028
URM301	50	060
URM302	50	060
UT85C	50	285
UT141A	50	073
UT250A	50	277
50S141R	50	073

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