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CMM cable listings and pin out diagrams

H-1000-4053-02-A

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Renishaw CMM Cable Index.

PL no.	Length	Connectors		Part No.	Information / Where used
	0.15M	Moulded 5 pin DIN plug	Moulded 5 pin DIN plug	A-1016-6440	Straight manual head to machine cable
PL1	0.26 - 0.71M	In-line 5 pin DIN plug	Moulded 5 pin DIN plug	A-1016-0004	Curly manual head to machine cable
PL2	0.41 - 1.27M	In-line 5 pin DIN plug	Moulded 5 pin DIN plug	A-1016-0006	Curly manual head to machine cable
PL3	0.68 - 2.32M	In-line 5 pin DIN plug	Moulded 5 pin DIN plug	A-1016-0012	Curly manual head to machine cable
PL4	4.51M	In-line 5 pin DIN plug	Moulded 5 pin DIN plug	A-1016-0001	Straight manual head to machine cable
PL5	0.40 - 0.80M	In-line LEMO plug	90 degree Tuchel socket	A-1016-7672	Curly motorised head to machine cable
PL6	0.80 - 1.60M	In-line LEMO plug	90 degree Tuchel socket	A-1016-7673	Curly motorised head to machine cable
PL10	0.10M	In-line LEMO plug	In-line 5 pin Din plug	A-1029-0111	Straight machine cable to machine cable
PL12	0.10M	In-line LEMO plug	90 degree Tuchel socket	A-1016-7674	Straight motorised head to machine cable
PL13	0.10 - 0.20M	In-line LEMO plug	90 degree Tuchel socket	A-1016-7675	Curly motorised head to machine cable

Renishaw CMM Cable Index.

PL no.	Length	Connectors		Part No.	Information / Where used
PL14	0.59 - 1.83M	7 pin Amphenol plug	Moulded 5 pin DIN plug	A-1016-0003	Curly manual head to machine cable
PL15	4.50M	In-line 5 pin DIN plug	Not terminated	A-1004-0110	Straight manual head to machine cable
PL17	0.20M	In-line LEMO plug	Moulded 5 pin DIN plug	A-1023-7024	Straight manual head to machine cable
PL18	0.50M	In-line LEMO plug	Moulded 5 pin DIN plug	A-1023-7025	Curly manual head to machine cable
PL19	5M	IDC socket	IDC Plug	A-1051-0199	ACR1 rack to ACC2 / ACC2-2 cable
PL20	10M	IDC socket	IDC Plug	A-1051-0045	ACR1 rack to ACC2 / ACC2-2 cable
PL21	20M	IDC socket	IDC Plug	A-1051-0102	ACR1 rack to ACC2 / ACC2-2 cable
PL22	0 .40M	9 pin ‘D’ type socket	In-line 5 pin DIN plug	A-1016-0131	PL1 & PL4 to PICS
PL24	5M	9 pin ‘D’ type socket	9 pin ‘D’ type plug	A-1016-0121	PICS extension cable
PL25	0.30M	9 pin ‘D’ type socket	9 pin ‘D’ type plug	A-1016-0120	PICS cable, interface to controller

Renishaw CMM Cable Index.

PL no.	Length	Connectors		Part No.	Information / Where used
PL27	0.225M	Moulded 5 pin DIN plug	Moulded 5 pin DIN plug	A-1016-6370	Curly manual head to machine cable
PL28	0.275M	Franz binder plug	Moulded 5 pin DIN plug	A-1016-6386	Manual head to Franz binder connector
PL29	0.74M	Moulded 5 pin DIN plug	Moulded 5 pin DIN plug	A-1016-6420	Curly manual head to machine cable
PL31	0.3M	In-line LEMO plug	Moulded 5 pin DIN plug	A-1049-8025	Curly manual head to machine cable
PL33	3M	In-line LEMO's	90 degree Tuchel socket	A-1023-7055/6	Motorised head to machine cable, LEMO's SUPPLIED LOOSE
PL37	0.50M	7 pin DIN plug	7 pin DIN plug	A-1054-0003	Probe signal cable
PL38	25M	Micro 'D' socket	15 pin high density 'D' type plug	A-1016-7625	Multi-wire probe signal cable, 'D' CONNECTOR SUPPLIED LOOSE
PL40	30M	IDC socket	IDC Plug	A-1054-0002	ACR1 rack to ACC2 / ACC2-2 cable
PL42	15M	Micro 'D' socket	15 pin high density 'D' type plug	A-1016-7624	Multi-wire probe signal cable, 'D' CONNECTOR SUPPLIED LOOSE
PL44	8M	Micro 'D' socket	15 pin high density 'D' type plug	A-1016-7627	Multi-wire probe signal cable, 'D' CONNECTOR SUPPLIED LOOSE

Renishaw CMM Cable Index.

PL no.	Length	Connectors		Part No.	Information / Where used
PL45	1.90M	Micro ‘D’ socket	15 pin high density ‘D’ type plug	A-1016-7629	Multi-wire probe signal cable, ‘D’ CONNECTOR SUPPLIED LOOSE
PL46	3.70M	Micro ‘D’ socket	15 pin high density ‘D’ type plug	A-1016-7628	Multi-wire probe signal cable, ‘D’ CONNECTOR SUPPLIED LOOSE
PL56	12M	Micro ‘D’ socket	15 pin high density ‘D’ type plug	A-1016-7617	Multi-wire probe signal cable, ‘D’ CONNECTOR SUPPLIED LOOSE
PL63	5M	6 pin mini DIN plug	6 pin mini DIN plug	A-1016-7630	SCR200 to PI200 cable
PL64	10M	6 pin mini DIN plug	6 pin mini DIN plug	A-1016-7631	SCR200 to PI200 cable
PL65	15M	6 pin mini DIN plug	6 pin mini DIN plug	A-1016-7632	SCR200 to PI200 cable
PL69	10.50M	15 pin high density ‘D’ type socket	15 pin high density ‘D’ type plug	A-1016-7640	Multi-wire extension cable
PL70	2M	15 pin Hi density ‘D’ 15 pin Hi density ‘D’	9 pin ‘D’ type 9 pin ‘D’ type	A-1016-7634	PI200 ‘hydra’ connection cable
PL75	1.60M	15 pin high density ‘D’ type socket	15 pin high density ‘D’ type plug	A-1016-7644	Multi-wire extension cable

Renishaw CMM Cable Index.

PL no.	Length	Connectors		Part No.	Information / Where used
PL76	1.10M	9 pin 'D' type skt. 9 pin 'D' type plug	9 pin 'D' type skt.	A-1016-7643	PICS 'T' cable
PL82	5.10M	'Hirose' type plug	15 pin high density	A-1016-7648	Multi-wire SP600 probe signal to AC1 or AC2 counter card
PL93	0.10M	In-line LEMO plug	In-line Tuchel	A-1016-7676	Straight motorised head to machine cable
PL97	0.26M	6 pin mini DIN x 2	6 pin mini DIN	A-1016-7670	SCR200 rack to PI200 cable enabling dual rack use with one PI200
PL101	0.50M	15 pin 'D' type socket	15 pin 'D' type plug	A-1016-7662	Interface cable
PL104	30M	15 pin 'D' type socket	Not terminated	A-2150-0481	PHS1 power cable
PL105	30M	15 pin 'D' type socket	Not terminated	A-2150-0482	PHS1 communication cable
PL106	30M	15 pin 'D' type socket	Not terminated	A-2150-0483	PHS1 probe signal cable
PL107	30M	15 pin 'D' type socket	Not terminated	A-2150-0484	PHS1 over-travel cable
PL112	0.30M	9 pin 'D' type skt. 9 pin 'D' type plug	26 pin 'D' type skt.	A-2172-0004	PICS adapter cable

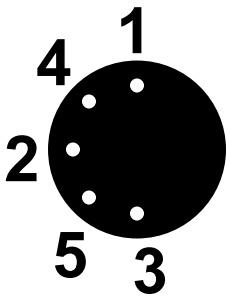
Renishaw CMM Cable Index.

PL no.	Length	Connectors		Part No.	Information / Where used
PL113	0.30M	9 pin ‘D’ type connector	26 pin ‘D’ type connector	A-2172-0005	Over-travel adapter cable
PLM6	6M	15 pin ‘D’ type connector	Not terminated	A-1016-7564	Machine cable, LEMO CHASSIS SOCKET SUPPLIED LOOSE
PLM7	4M	15 pin ‘D’ type connector	Not terminated	A-1016-7563	Machine cable, LEMO CHASSIS SOCKET SUPPLIED LOOSE
PLM8	6M	15 pin ‘D’ type connector	In-line LEMO socket	A-1016-7677	Machine cable
PLM9	4M	15 pin ‘D’ type connector	In-line LEMO socket	A-1016-7678	Machine cable

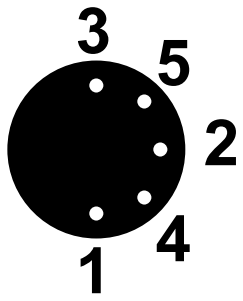
Manual Cable Assembly
A-1016-6440

End ‘A’ End ‘B’





End ‘A’	End ‘B’	Wire
1	1	Red
4	4	Blue
2	2	SCREEN
5	5	Green
3	3	Yellow



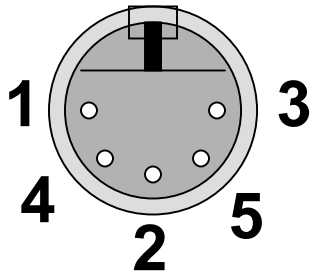
PL1 Cable Assembly

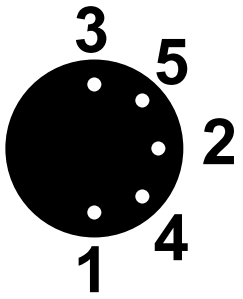
A-1016-0004

End ‘A’

End ‘B’







End ‘A’	End ‘B’	Wire
1	1	Red
4	4	Blue
2 + Shell	2	SCREEN
5	5	Green
3	3	Yellow

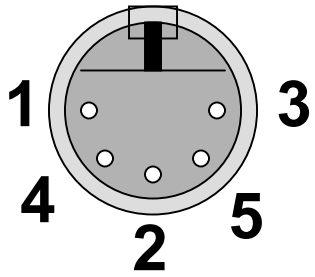
PL2 Cable Assembly

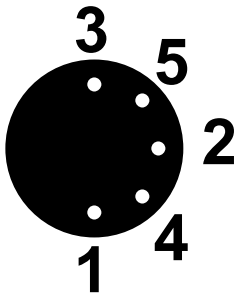
A-1016-0006

End ‘A’

End ‘B’







End ‘A’	End ‘B’	Wire
1	1	Red
4	4	Blue
2 + Shell	2	SCREEN
5	5	Green
3	3	Yellow

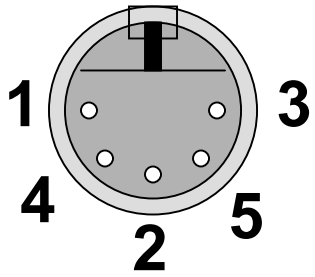
PL3 Cable Assembly

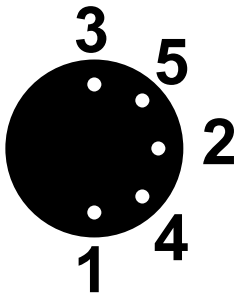
A-1016-0012

End ‘A’

End ‘B’







End ‘A’	End ‘B’	Wire
1	1	Red
4	4	Blue
2 + Shell	2	SCREEN
5	5	Green
3	3	Yellow

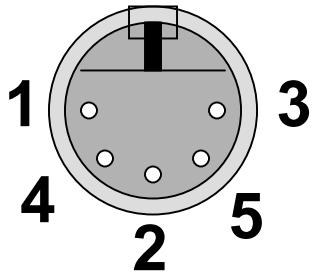
PL4 Cable Assembly

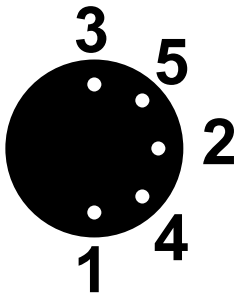
A-1016-0001

End ‘A’

End ‘B’



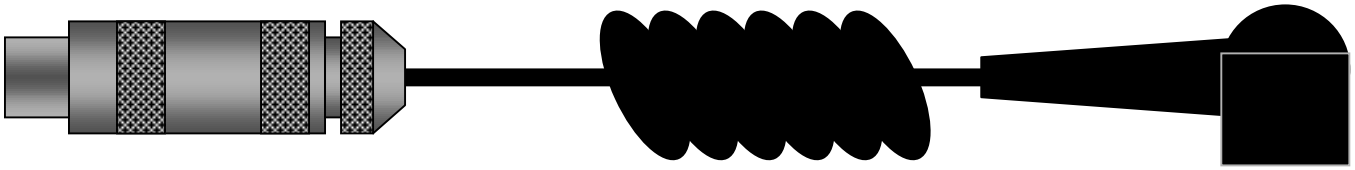




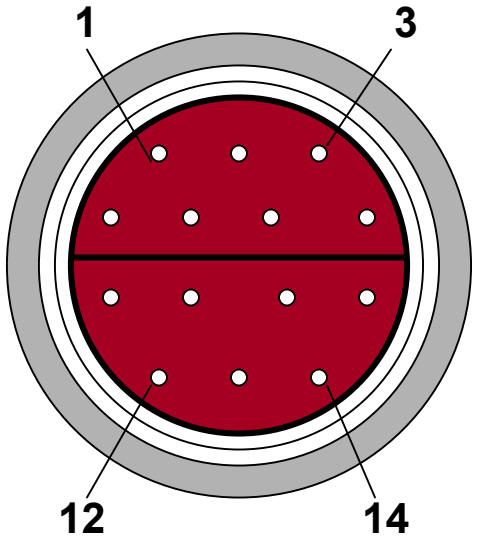
End ‘A’	End ‘B’	Wire
1	1	Red
4	4	Blue
2 + Shell	2	SCREEN
5	5	Green
3	3	Yellow

PL5 Cable Assembly

A-1016-7672

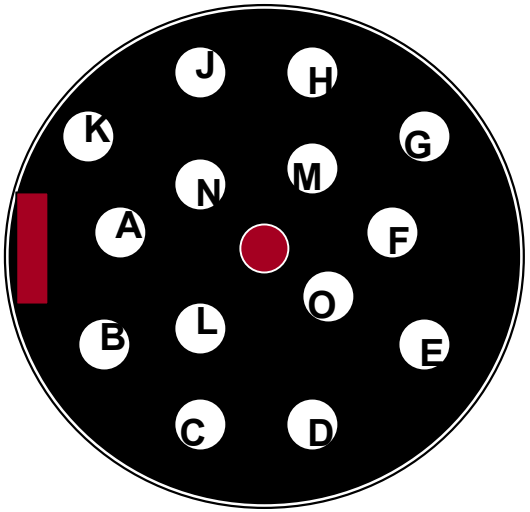


End ‘A’



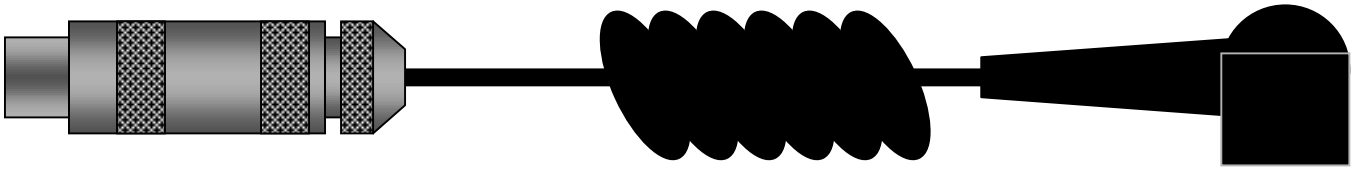
Wire	End ‘A’	End ‘B’
SCREEN	11	N and O
Violet	9	A
Black	10	B
Brown	3	C
Red	2	D
Yellow	1	E
Blue	8	F
Orange	12	G
White	5	H
Turquoise	13	J
Pink	14	K
Green	6	L
Grey	4	M
----------	Link 7 and 4 with item 12	

End ‘B’

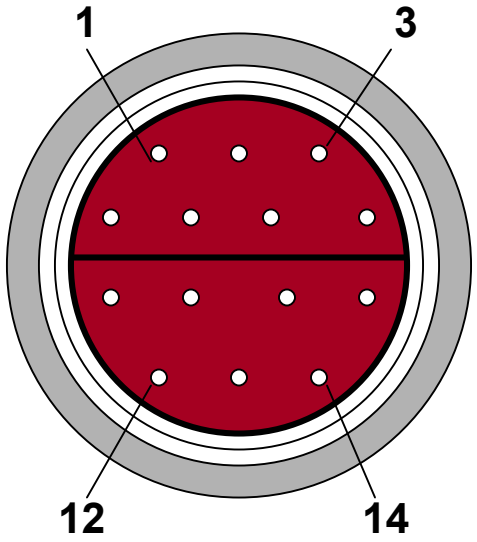


PL6 Cable Assembly

A-1016-7673

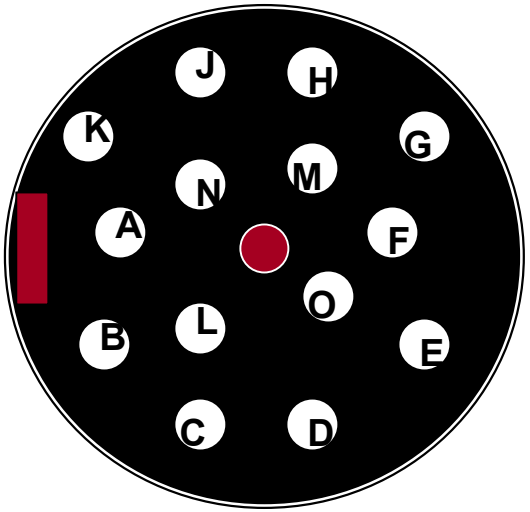


End ‘A’



Wire	End ‘A’	End ‘B’
SCREEN	11	N and O
Violet	9	A
Black	10	B
Brown	3	C
Red	2	D
Yellow	1	E
Blue	8	F
Orange	12	G
White	5	H
Turquoise	13	J
Pink	14	K
Green	6	L
Grey	4	M
----------	Link 7 and 4 with item 12	

End ‘B’

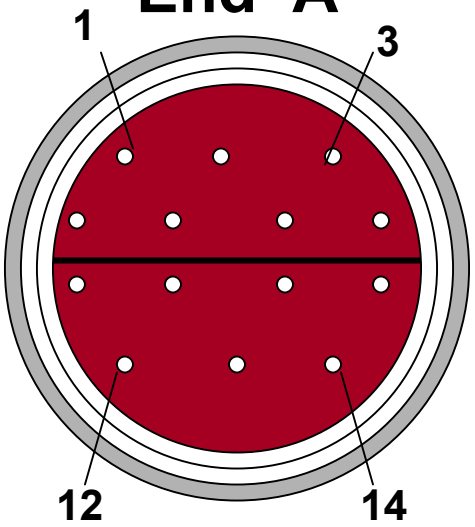


PL10 Cable Assembly

A-1029-0111

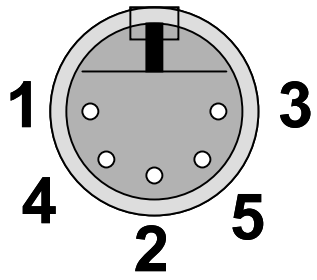


End ‘A’



Wire	End ‘A’	End ‘B’
SCREEN	11	2
Violet		
Black		
Brown		
Red	7	1
Yellow	13	3
Blue	10	4
Orange		
White		
Turquoise		
Pink		
Green	9	5
Grey		

End ‘B’

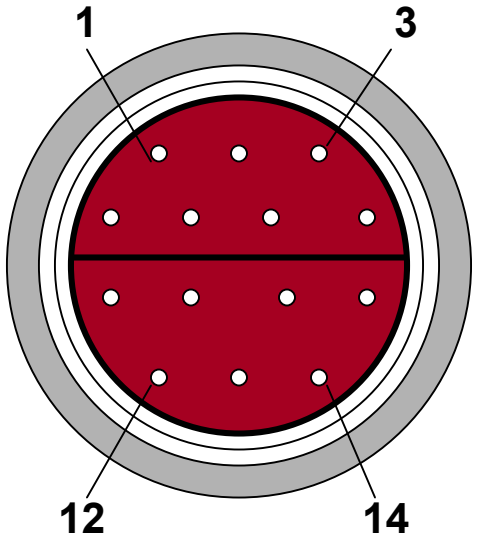


PL12 Cable Assembly

A-1016-7674

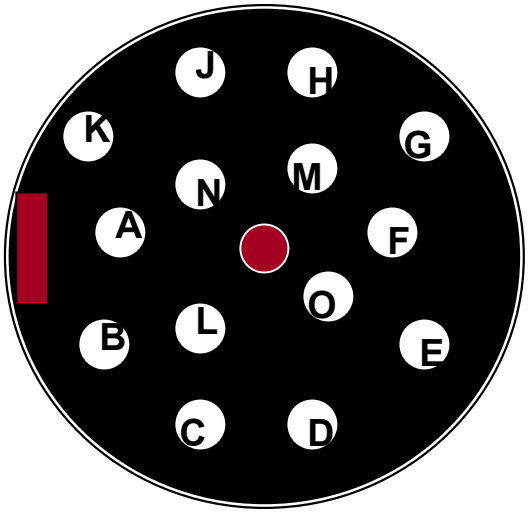


End ‘A’



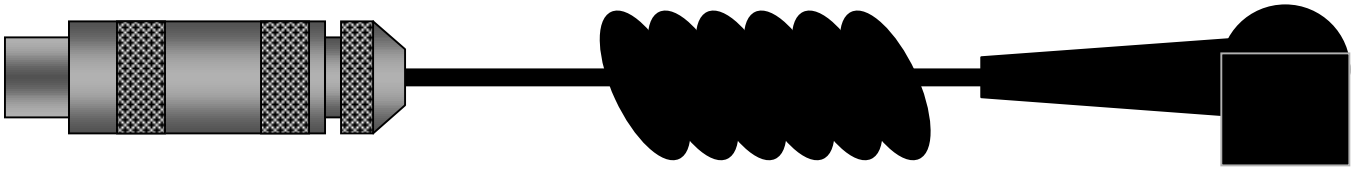
Wire	End ‘A’	End ‘B’
SCREEN	11	N and O
Violet	9	A
Black	10	B
Brown	3	C
Red	2	D
Yellow	1	E
Blue	8	F
Orange	12	G
White	5	H
Turquoise	13	J
Pink	14	K
Green	6	L
Grey	4	M
----------	Link 7 and 4 with item 12	

End ‘B’

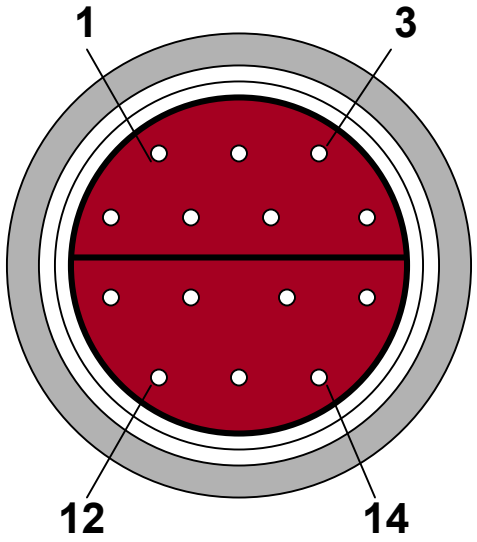


PL13 Cable Assembly

A-1016-7675

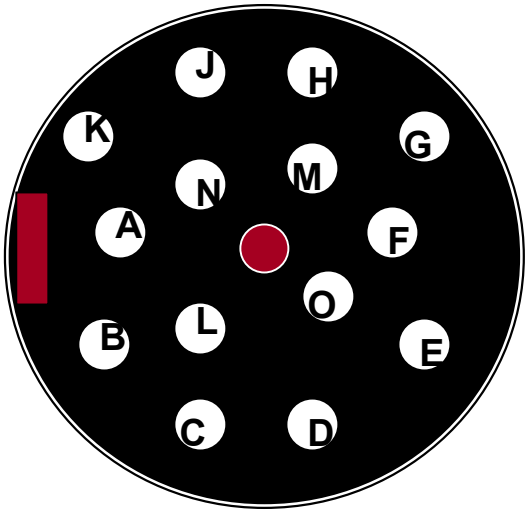


End ‘A’



Wire	End ‘A’	End ‘B’
SCREEN	11	N and O
Violet	9	A
Black	10	B
Brown	3	C
Red	2	D
Yellow	1	E
Blue	8	F
Orange	12	G
White	5	H
Turquoise	13	J
Pink	14	K
Green	6	L
Grey	4	M
----------	Link 7 and 4 with item 12	

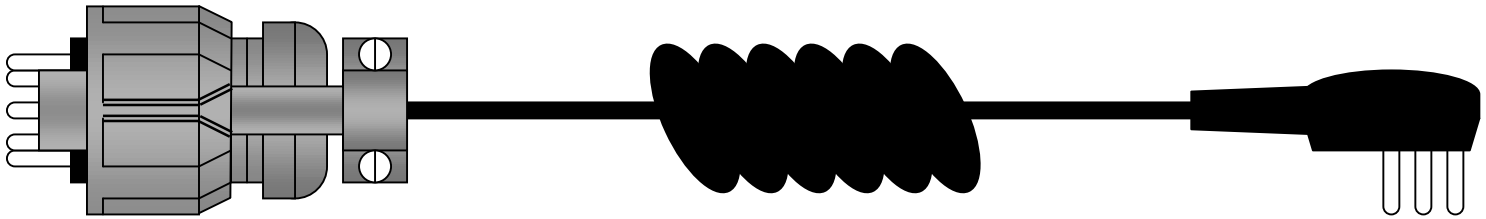
End ‘B’

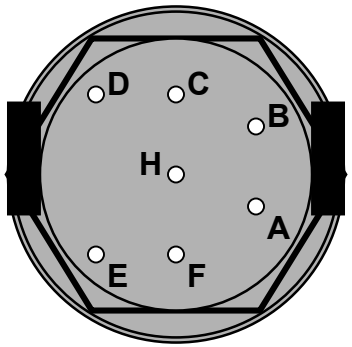


PL14 Cable Assembly

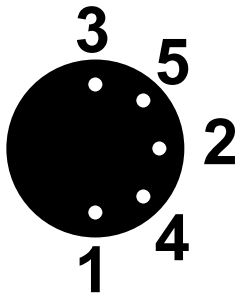
A-1016-0003

End ‘A’ **End ‘B’**





End ‘A’	End ‘B’	Wire
Link E & F	1	Red
C	4	Blue
A	2	SCREEN
B	5	Green
D	3	Yellow

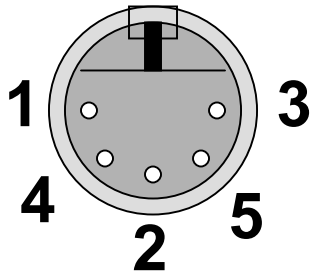


PL15 Cable Assembly

A-1004-0110

End ‘A’





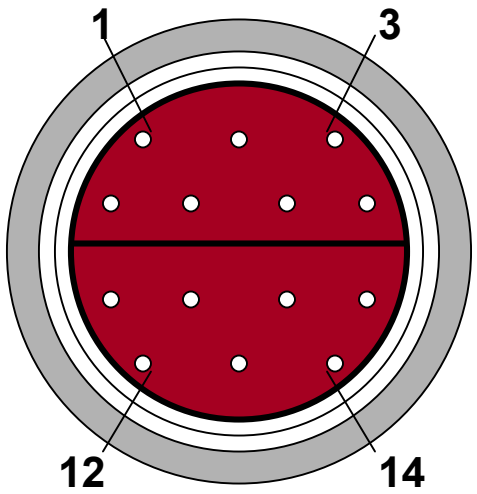
End ‘A’	Wire
1	Red
4	Blue
2 + Shell	SCREEN
5	Green
3	Yellow

PL17Cable Assembly

A-1023-7024

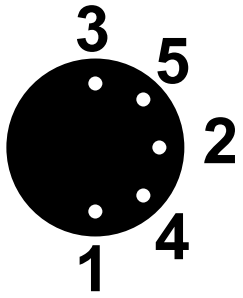


End ‘A’



Wire	End ‘A’	End ‘B’
SCREEN	11	2
Violet		
Black		
Brown		
Red	7	1
Yellow	13	3
Blue	10	4
Orange		
White		
Turquoise		
Pink		
Green	9	5
Grey		

End ‘B’

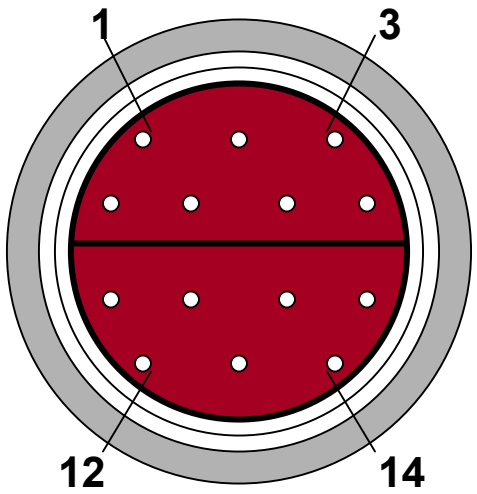


PL18 Cable Assembly

A-1023-7025

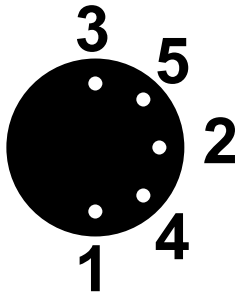


End ‘A’



Wire	End ‘A’	End ‘B’
Screen	11	2
Violet		
Black		
Brown		
Red	7	1
Yellow	13	3
Blue	10	4
Orange		
White		
Turquoise		
Pink		
Green	9	5
Grey		

End ‘B’



PL19 Cable Assembly

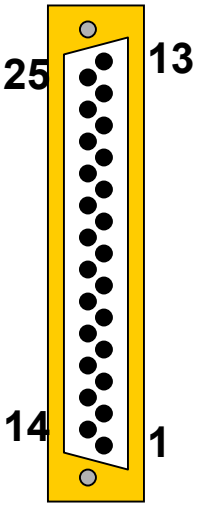
A-1051-0199

End ‘A’

End ‘B’

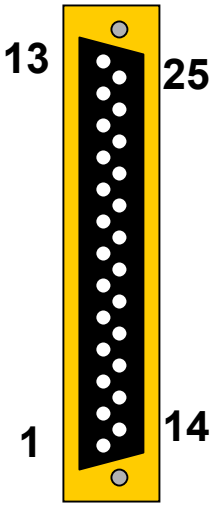


Socket



All connections are pin to pin.
Pin1 wire colour is Red/Grey.
All other wires are grey ribbon cable with foil & braided screen connected to the ‘D’ hoods.

Plug



PL20 Cable Assembly

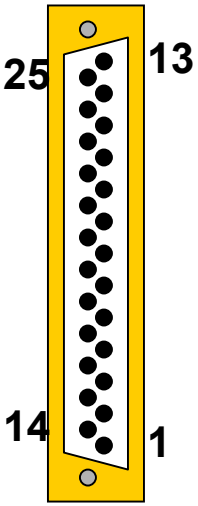
A-1051-0045

End ‘A’

End ‘B’

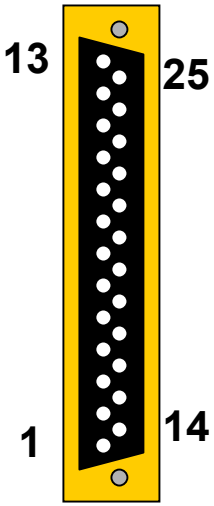


Socket



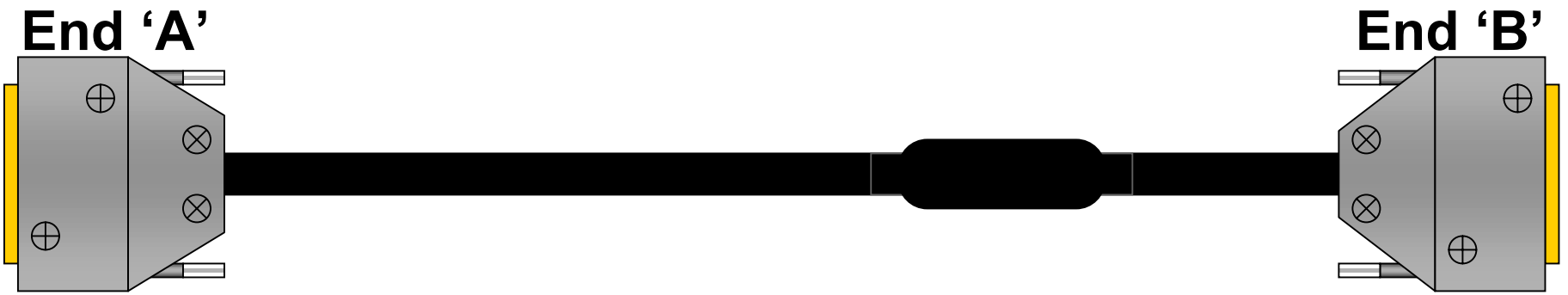
All connections are pin to pin.
Pin1 wire colour is Red/Grey.
All other wires are grey ribbon cable with foil & braided screen connected to the ‘D’ hoods.

Plug

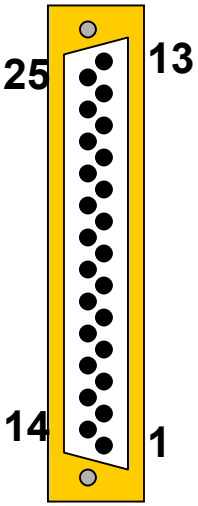


PL21 Cable Assembly

A-1051-0102

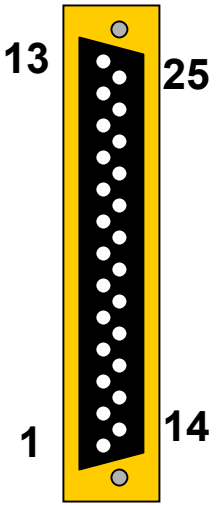


Socket



All connections are pin to pin.
Pin1 wire colour is Red/Grey.
All other wires are grey ribbon cable with foil & braided screen connected to the ‘D’ hoods.

Plug



PL22 Cable Assembly

A-1016-0131

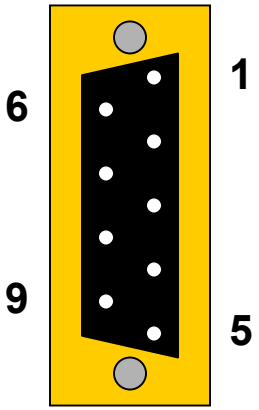
End ‘A’

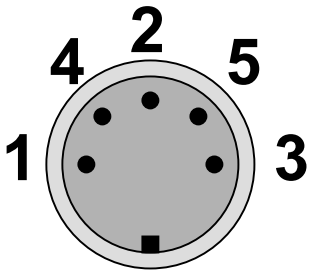
End ‘B’



Plug

Socket





End ‘A	Wire	End ‘B’
		Shell & 2
1 & 6		
Shell	SCREEN	Shell
4 & 8	Yellow	3
9	Green	5
5	Blue	4
3	Red	1

PL24 Cable Assembly

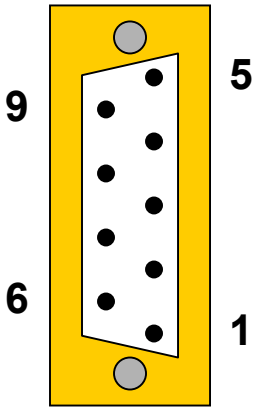
A-1016-0121

End ‘A’

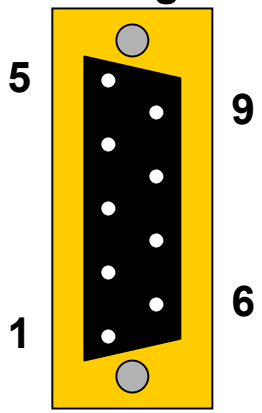
End ‘B’



Socket



Plug



End ‘A’	Wire	End ‘B’
1	Black	1
2	Brown	2
3	Violet	3
4	Orange	4
5	Red	5
6	Yellow	6
7	Blue	7
8	Green	8
9	White	9
Shell	SCREEN	Shell

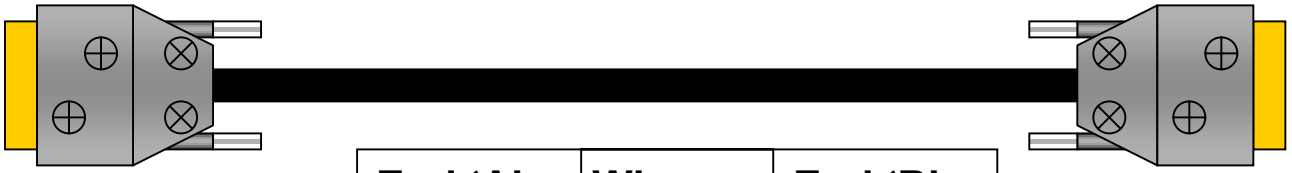
Pink not used. cut back at both ends.

PL25 Cable Assembly

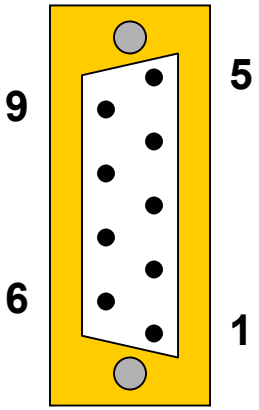
A-1016-0120

End ‘A’

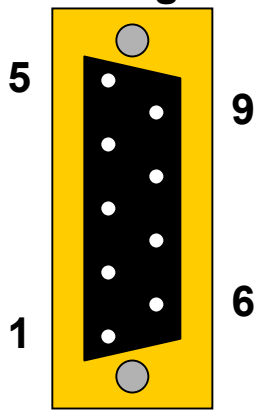
End ‘B’



Socket



Plug



End ‘A’	Wire	End ‘B’
1	Black	1
2	Brown	2
3	Violet	3
4	Orange	4
5	Red	5
6	Yellow	6
7	Blue	7
8	Green	8
9	White	9
Shell	SCREEN	Shell

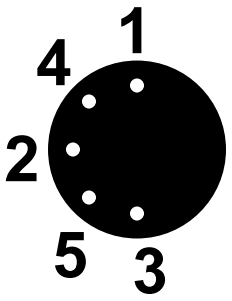
Pink not used. cut back at both ends.

PL27 Cable Assembly

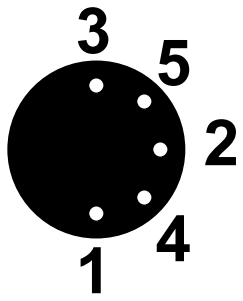
A-1016-6370

End ‘A’ End ‘B’





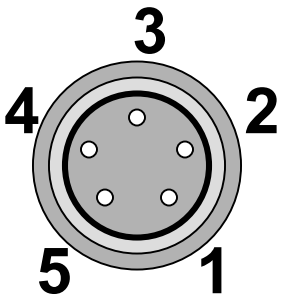
End ‘A’	End ‘B’	Wire
1	1	Red
4	4	Blue
2	2	SCREEN
5	5	Green
3	3	Yellow



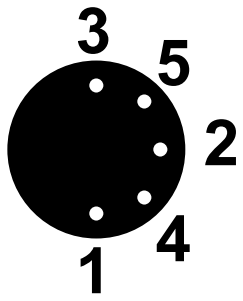
PL28 Cable Assembly

A-1016-6386





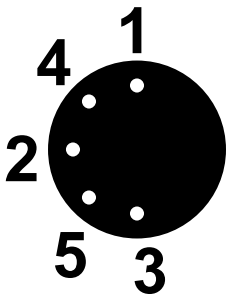
End ‘A’	End ‘B’	Wire
1	1	Red
4	4	Blue
2	2	SCREEN
5	5	Green
3	3	Yellow



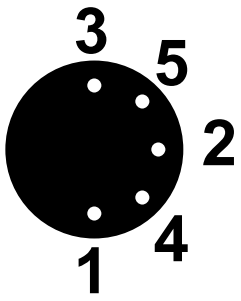
PL29 Cable Assembly

A-1016-6420





End ‘A’	End ‘B’	Wire
1	1	Red
4	4	Blue
2	2	SCREEN
5	5	Green
3	3	Yellow

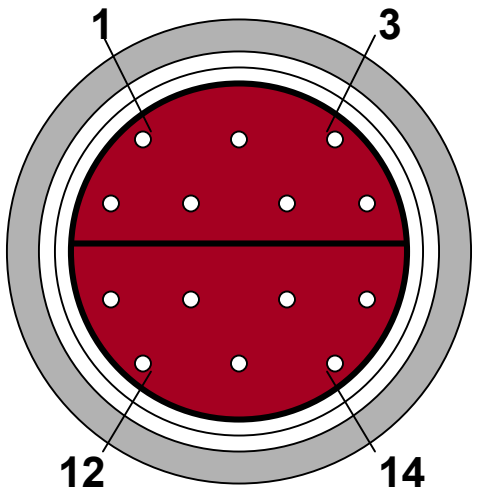


PL31 Cable Assembly

A-1049-8025

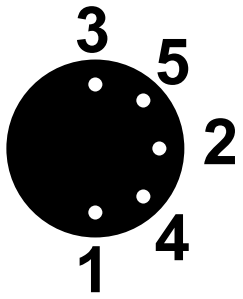


End ‘A’



Wire	End ‘A’	End ‘B’
SCREEN	11	2
Violet		
Black		
Brown		
Red	7	1
Yellow	13	3
Blue	10	4
Orange		
White		
Turquoise		
Pink		
Green	9	5
Grey		

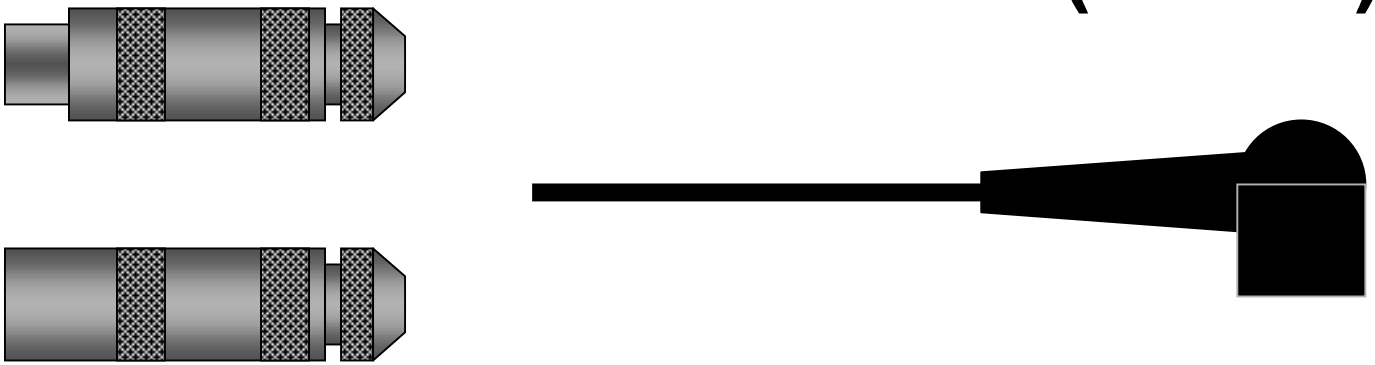
End ‘B’



PL33 Cable Assembly

A-1023-7055 (Cable Kit)

A-1023-7056 (Cable)



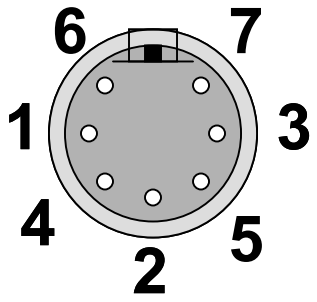
NOTE:Cable supplied un-terminated & LEMO connectors supplied loose under these part numbers.

PL37 Cable Assembly

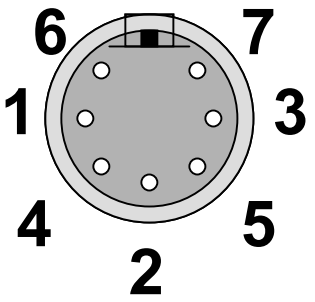
A-1054-0003

End ‘A’ End ‘B’





End ‘A’	End ‘B’	Wire	Use
7	7	White	Inhibit Sig.
6	6	Black	Inhibit Rtn.
5	5	Blue	Probe Sig.
4	4	Red	Probe Rtn.
3	3	Green	LED Anode
2 + Shell	2 + Shell	SCREEN	SCREEN
1	1	Yellow	LED Cathode

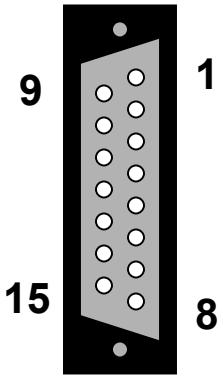


PL38 Cable Assembly

A-1016-7625

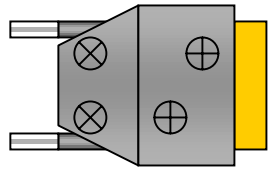


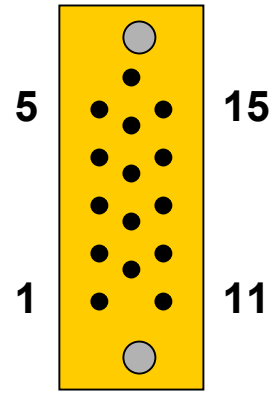
Micro ‘D’



Wire	Pin No. ‘s
Brown	1
SCREEN	2 & Jack posts
Green	3
Violet	4
Yellow	5
Red	6
Blue	7
White	8
Coax SCREEN	9
Coax Inner	10
Orange	11
Blue/White	12
Grey	13
Black/White	14
Brown/White	15

15 pin HD ‘D’ type plug supplied loose



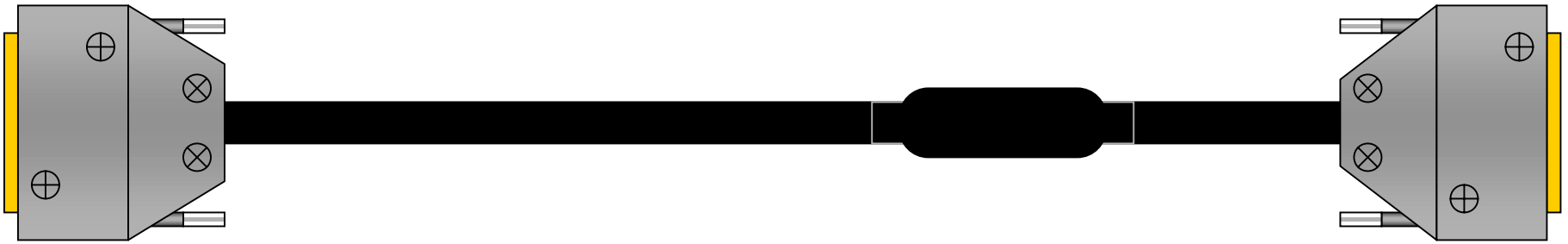


PL40 Cable Assembly

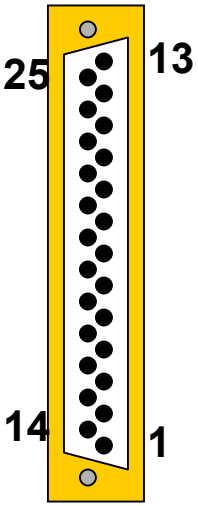
A-1054-0002

End ‘A’

End ‘B’

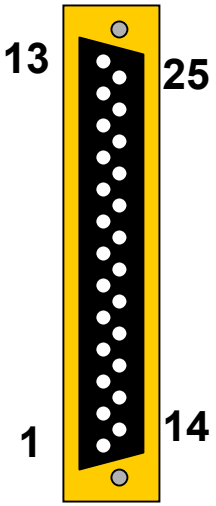


Socket



All connections are pin to pin.
Pin1 wire colour is Red/Grey.
All other wires are grey ribbon cable with foil & braided screen connected to the ‘D’ shells.

Plug

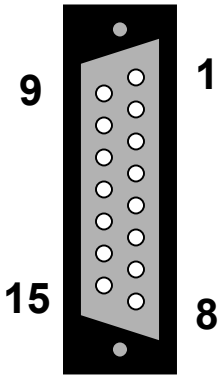


PL42 Cable Assembly

A-1016-7624

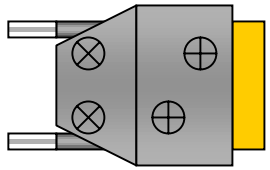


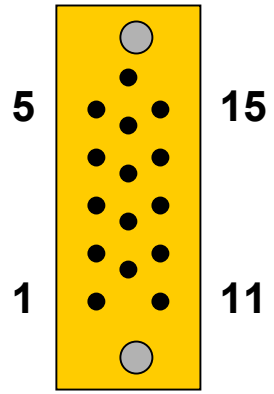
Micro ‘D’



Wire	Pin No. ‘s
Brown	1
SCREEN	2 & Jack posts
Green	3
Violet	4
Yellow	5
Red	6
Blue	7
White	8
Coax SCREEN	9
Coax Inner	10
Orange	11
Blue/White	12
Grey	13
Black/White	14
Brown/White	15

15 pin HD ‘D’ type plug supplied loose



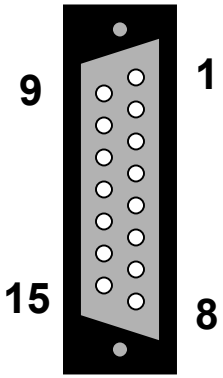


PL44 Cable Assembly

A-1016-7627

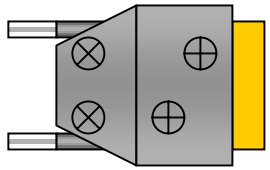


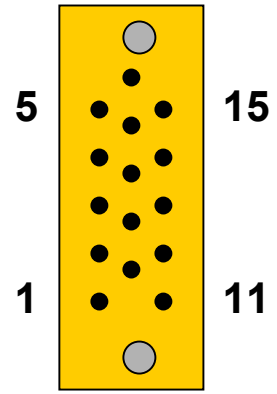
Micro ‘D’



Wire	Pin No. ‘s
Brown	1
SCREEN	2 & Jack posts
Green	3
Violet	4
Yellow	5
Red	6
Blue	7
White	8
Coax SCREEN	9
Coax Inner	10
Orange	11
Blue/White	12
Grey	13
Black/White	14
Brown/White	15

15 pin HD ‘D’ type plug supplied loose



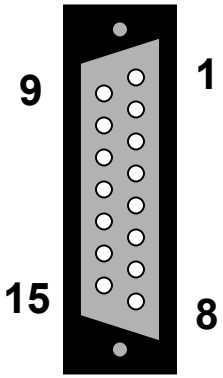


PL45 Cable Assembly

A-1016-7629

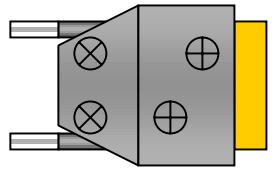


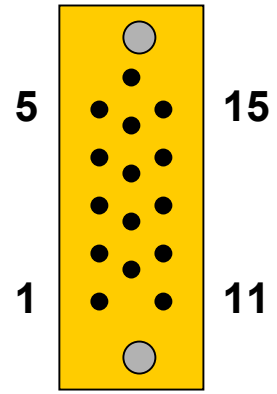
Micro ‘D’



Wire	Pin No. ‘s
Brown	1
SCREEN	2 & Jack posts
Green	3
Violet	4
Yellow	5
Red	6
Blue	7
White	8
Coax SCREEN	9
Coax Inner	10
Orange	11
Blue/White	12
Grey	13
Black/White	14
Brown/White	15

15 pin HD ‘D’ type plug supplied loose



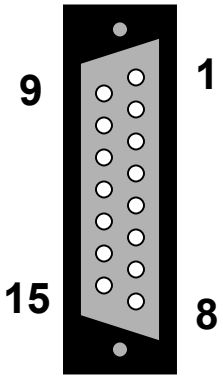


PL46 Cable Assembly

A-1016-7628

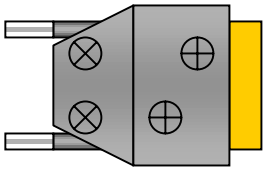


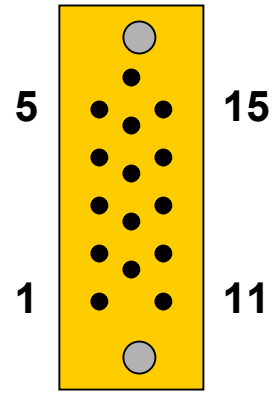
Micro ‘D’



Wire	Pin No. ‘s
Brown	1
SCREEN	2 & Jack posts
Green	3
Violet	4
Yellow	5
Red	6
Blue	7
White	8
Coax SCREEN	9
Coax Inner	10
Orange	11
Blue/White	12
Grey	13
Black/White	14
Brown/White	15

15 pin HD ‘D’ type plug supplied loose



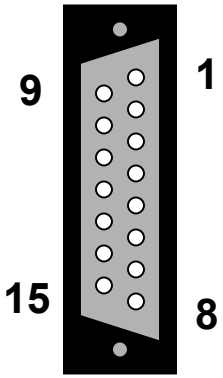


PL56 Cable Assembly

A-1016-7617

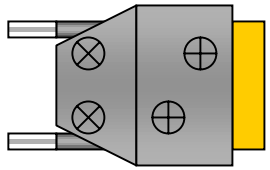


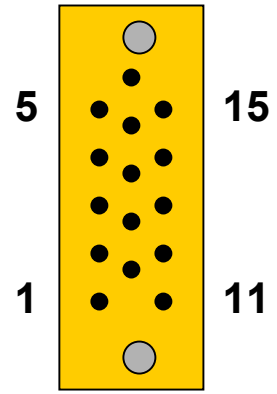
Micro ‘D’



Wire	Pin No. ‘s
Brown	1
SCREEN	2 & Jack posts
Green	3
Violet	4
Yellow	5
Red	6
Blue	7
White	8
Coax SCREEN	9
Coax Inner	10
Orange	11
Blue/White	12
Grey	13
Black/White	14
Brown/White	15

15 pin HD ‘D’ type plug supplied loose





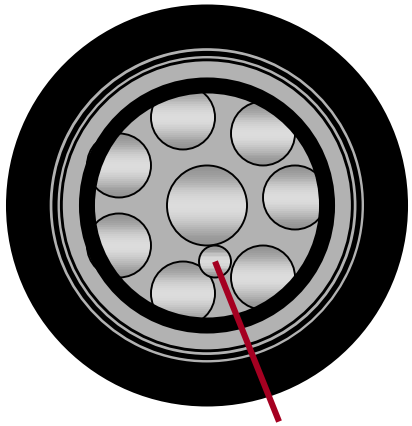
PL63 Cable Assembly

A-1016-7630

End ‘A’

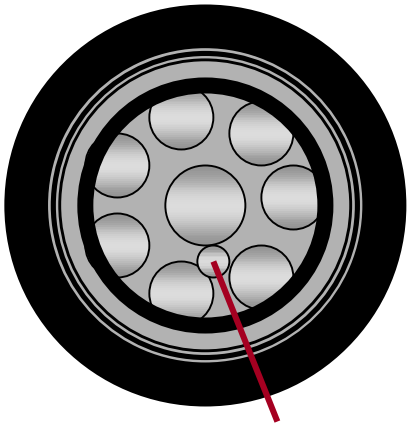
End ‘B’





Drain wire

End ‘A’	End ‘B’	Wire
1	1	Red
2	2	Blue
3	3	Green
4	4	Yellow
5	5	White
6	6	Black
Shell	Shell	SCREEN



Drain wire

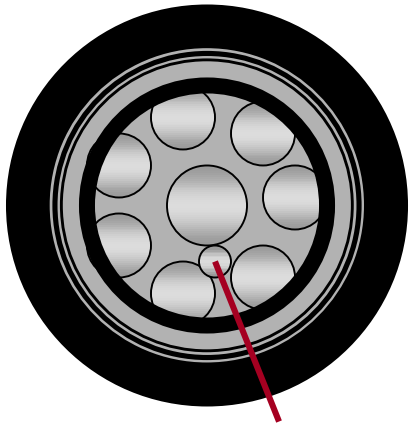
PL64 Cable Assembly

A-1016-7631

End ‘A’

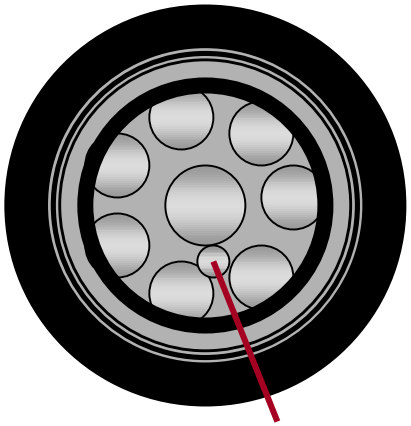
End ‘B’





Drain wire

End ‘A’	End ‘B’	Wire
1	1	Red
2	2	Blue
3	3	Green
4	4	Yellow
5	5	White
6	6	Black
Shell	Shell	SCREEN



Drain wire

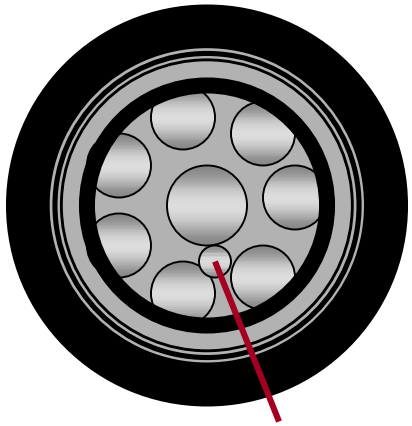
PL65 Cable Assembly

A-1016-7632

End ‘A’

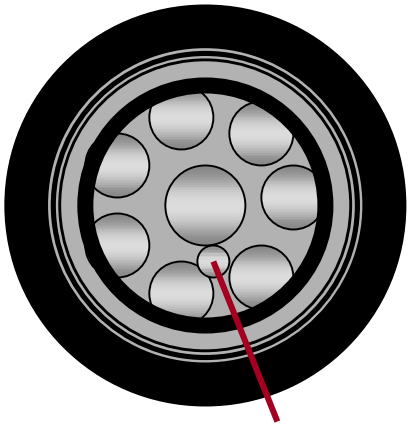
End ‘B’





Drain wire

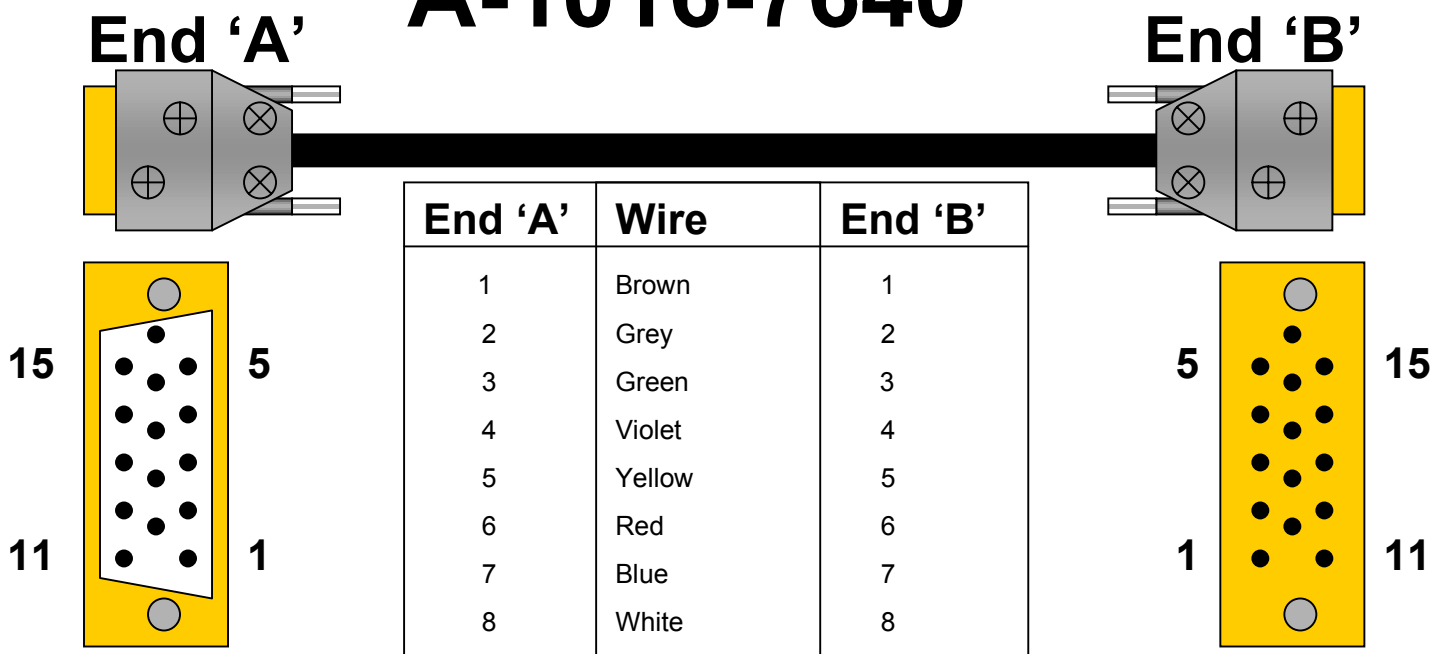
End ‘A’	End ‘B’	Wire
1	1	Red
2	2	Blue
3	3	Green
4	4	Yellow
5	5	White
6	6	Black
Shell	Shell	SCREEN



Drain wire

PL69 Cable Assembly

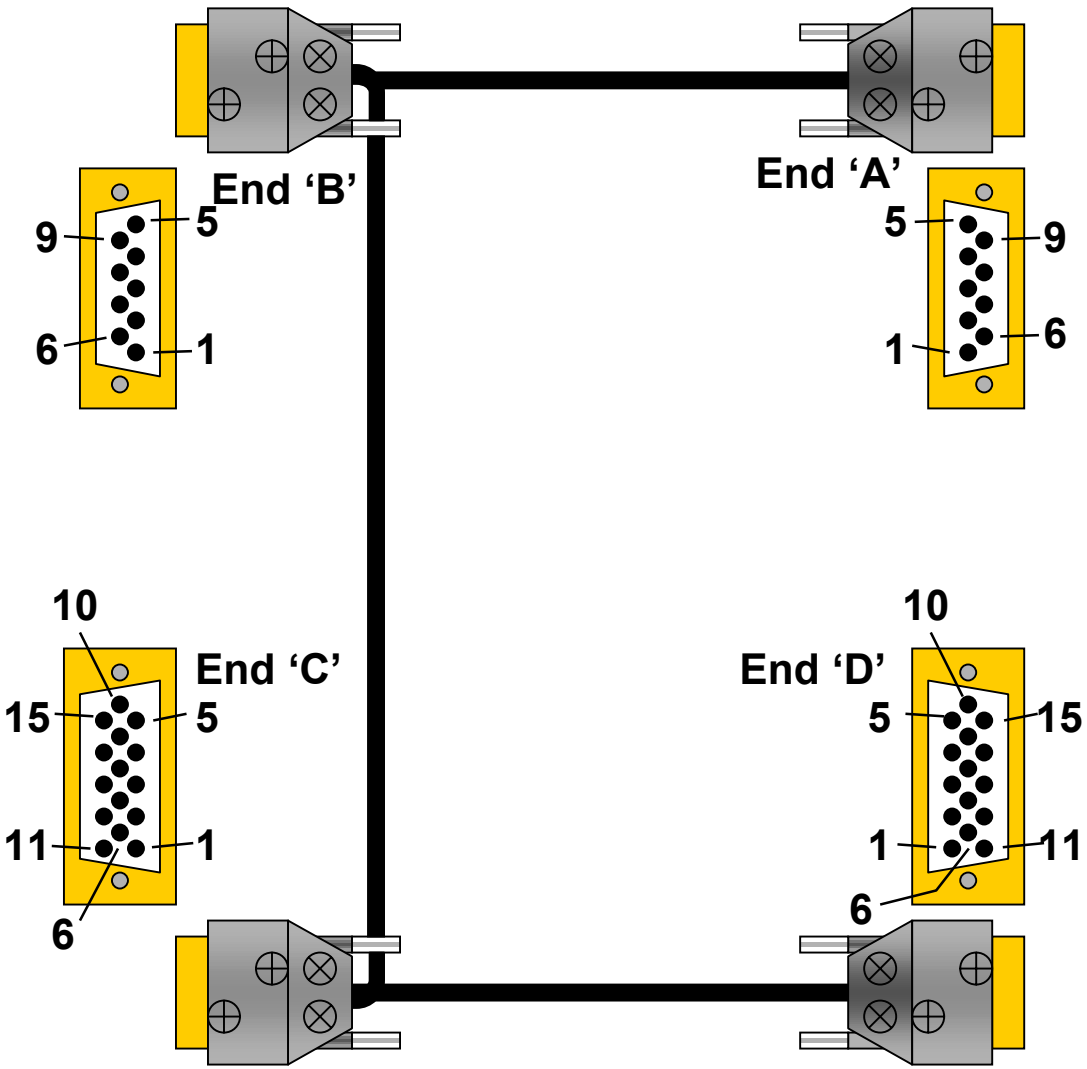
A-1016-7640



End ‘A’	Wire	End ‘B’
1	Brown	1
2	Grey	2
3	Green	3
4	Violet	4
5	Yellow	5
6	Red	6
7	Blue	7
8	White	8
9	Coax SCREEN	9
10	Coax Inner	10
11	Orange	11
12	Blue/white	12
13	Black	13
14	White/Brown	14
15	White/Black	15
Shell	SCREEN	Shell

PL70 Cable Assembly

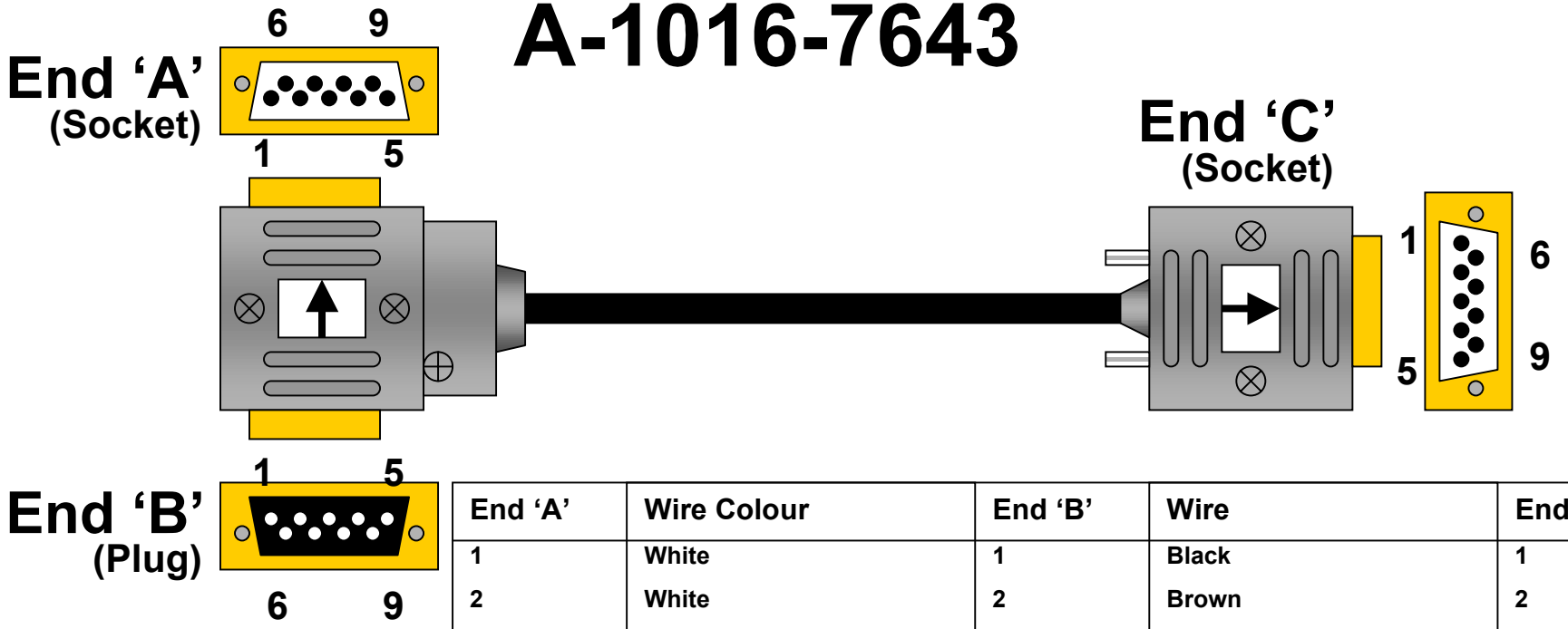
A-1016-7634



End/Pin no.	Wire	End/Pin no.
A1	**Black**	**B1**
A2	**Brown**	**B2**
A3	**Violet**	**B3**
A4	**Orange**	**B4**
A5	**Red**	**C13**
A6	**White**	**B6**
A7	**Yellow**	**B7**
A9	**Blue**	**C3**
A8	**Green**	**B8**
C1	Grey	D1
C3	Blue (2 off)	A9/D3
C4	Yellow	D4
C5	White	D5
C6	Orange	D6
C7	Green	D7
C8	Red	D8
C9	Coax Outer	D9
C10	Coax Core	D10
C11	Violet	D11
C13	Red	A5
C14	Brown	D14
C15	Black	D15

PL76 Cable Assembly

A-1016-7643



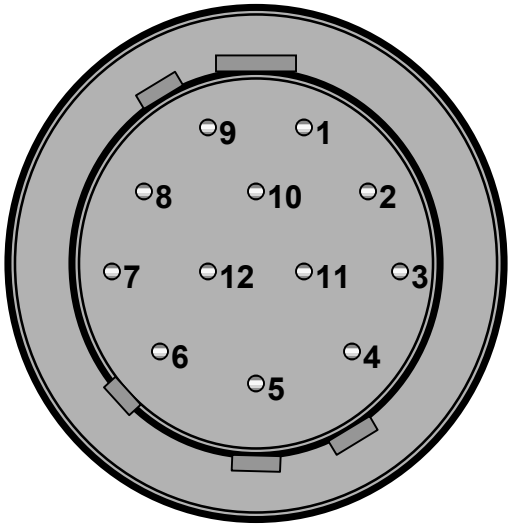
End 'A'	Wire Colour	End 'B'	Wire	End 'C'
1	White	1	Black	1
2	White	2	Brown	2
3	White	3	Violet	3
4	--------	4	--------	4
5	White	5	Red	5
6	White	6	Yellow	6
7	White	7	Blue	7
8	White	8	Green	8
9	White	9	White	9
			Orange & Pink not used.	

PL82 Cable Assembly

A-1016-7648

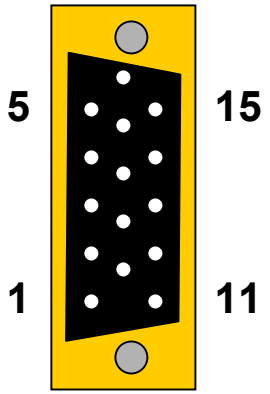


End ‘A’



End ‘A’	Wire	End ‘B’
1	Brown	1
10	Grey	2
3	Green	3
4	Violet	4
5	Yellow	5
6	Red	6
7	Blue	7
8	White	8
11	Coax SCREEN	9
12	Coax Inner	10
9	Orange	11
2	Blue/White	12
Shell	SCREEN	Shell

End ‘B’

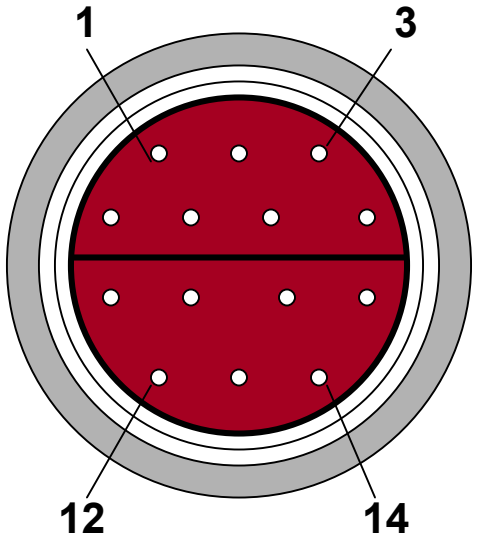


PL93 Cable Assembly

A-1016-7676

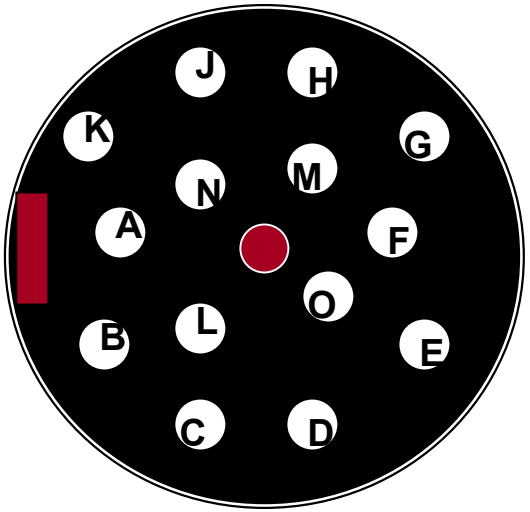


End ‘A’



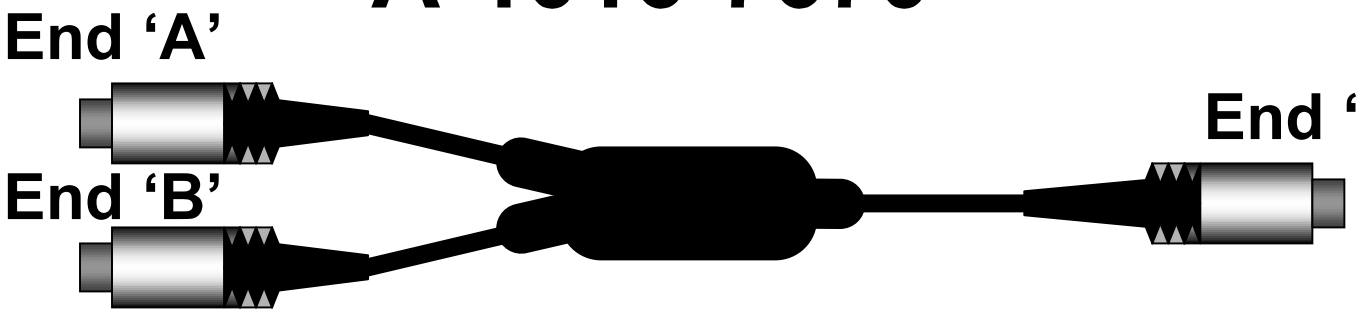
Wire	End ‘A’	End ‘B’
SCREEN	11	N and O
Violet	9	A
Black	10	B
Brown	3	C
Red	2	D
Yellow	1	E
Dark Blue	8	F
Orange	12	G
White	5	H
Green/White	13	J
Dark Green	14	K
Blue/White	6	L
Grey	4	M
----------	Link 7 and 4 with item 12	

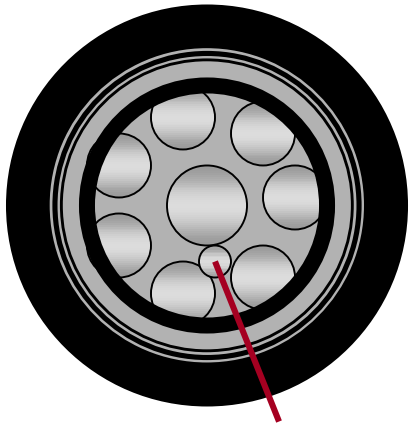
End ‘B’



PL97 Cable Assembly

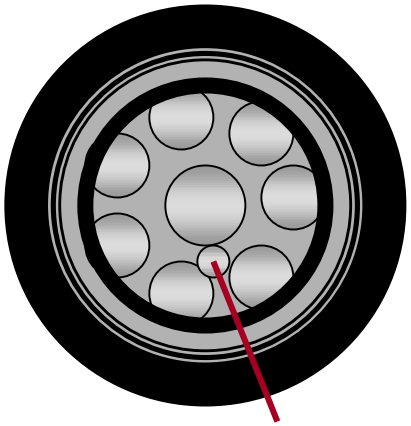
A-1016-7670





Drain wire

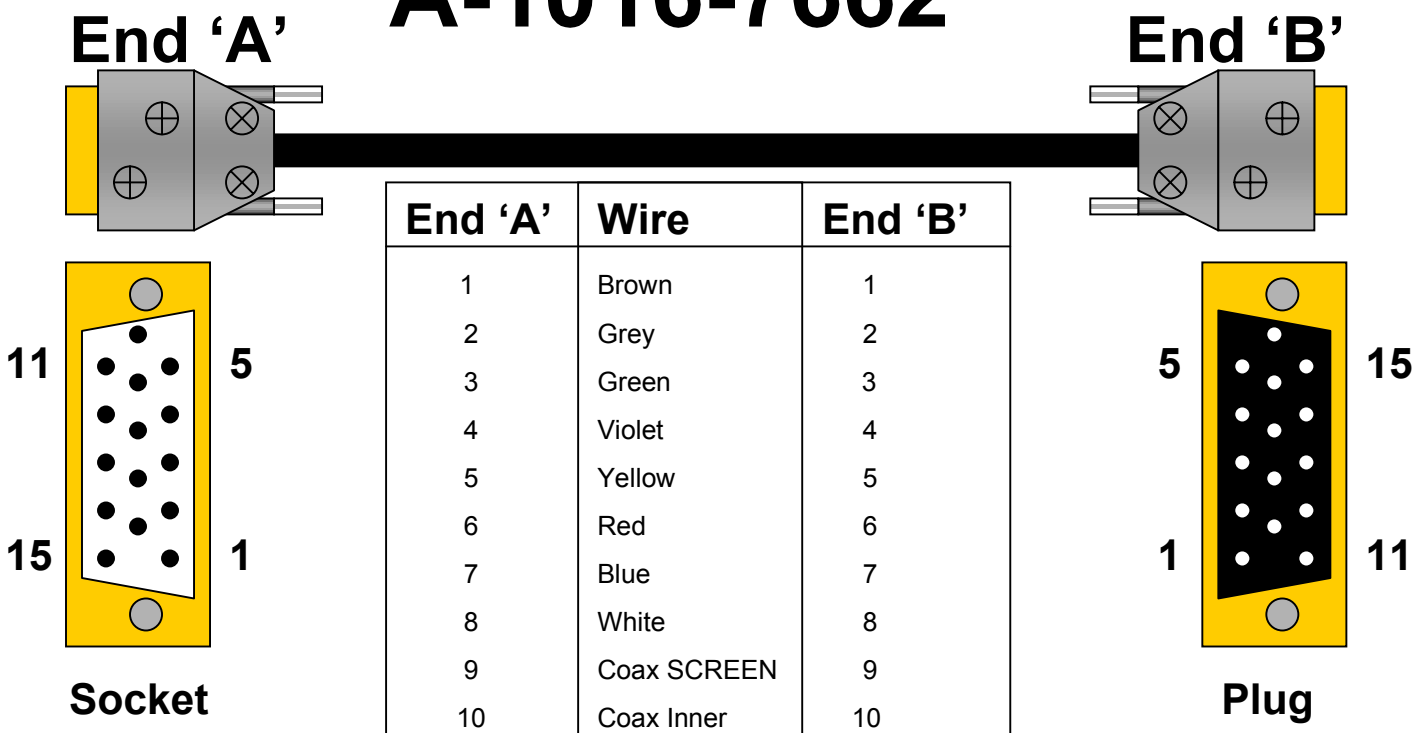
End ‘A’	End ‘B’	End ‘C’	Wire
1	1	1	Red
2	2	2	Blue
3	3	3	Green
4	4	4	Yellow
5	5	5	White
6	6	6	Black
Shell	Shell	Shell	SCREEN



Drain wire

PL101 Cable Assembly

A-1016-7662



End ‘A’	Wire	End ‘B’
1	Brown	1
2	Grey	2
3	Green	3
4	Violet	4
5	Yellow	5
6	Red	6
7	Blue	7
8	White	8
9	Coax SCREEN	9
10	Coax Inner	10
11	Orange	11
12	Blue/white	12
13	Black	13
14	White/Brown	14
15	White/Black	15
Shell	SCREEN	Shell

PL104 Cable Assembly

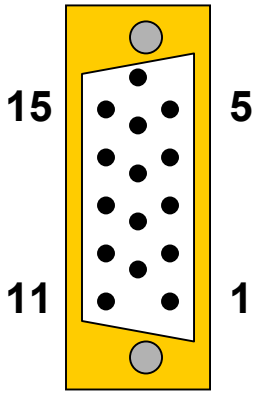
A-2150-0481

End ‘A’

End ‘B’

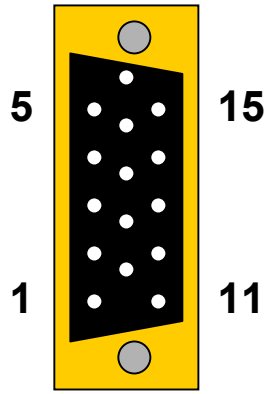


NOT SUPPLIED



Socket

End ‘A’	Wire	End ‘B’	Use
6	Blue	6	+24V
7	Yellow	7	0VM
11	Grey	11	+24V
12	Pink	12	0VM
14	White	14	+12V
15	Brown	15	Ground
Shell	SCREEN	Shell	SCREEN
Socket contact crimp			



Plug

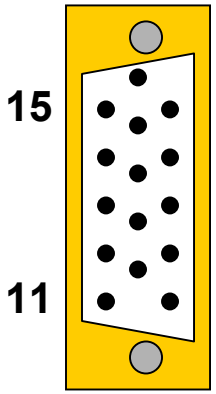
PL105 Cable Assembly

A-2150-0482

End ‘A’ End ‘B’

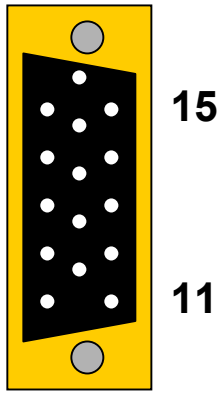


NOT SUPPLIED



Socket

End ‘A’	Wire	End ‘B’	Use
3	Black	3	Twisted pair data
5	Red	5	FROM head
8	Black	8	Twisted pair data
10	White	10	TO head
Shell	SCREEN	Shell	SCREEN
Socket contact crimp			

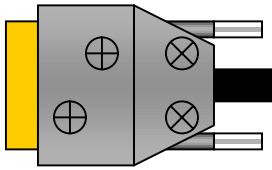


Plug

PL106 Cable Assembly

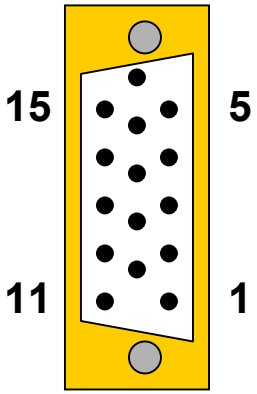
A-2150-0483

End ‘A’



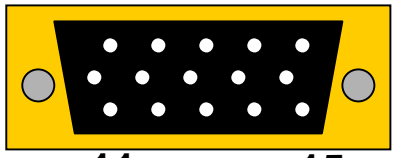
End ‘B’

NOT SUPPLIED



Socket

End ‘A’	Wire	End ‘B’
1	Brown	1
2	Black/White	2
3	Green	3
4	Violet	4
5	Yellow	5
6	Red	6
7	Blue	7
8	White	8
9	Coax Outer	9
10	Coax Core	10
11	Orange	11
12	Blue/White	12
13	Grey	13
SEE NOTE *	Brown/White	SEE NOTE*
Shell	SCREEN	Shell
Male contact pin crimp		



Plug

NOTE*:

To enable the use of OTM3 & OTP6M optical probe systems with a PHS1 or PH10 kinematic installation, the ‘Brown/White’ wire is to be connected in parallel with the ‘Green’ wire (Pin 3).

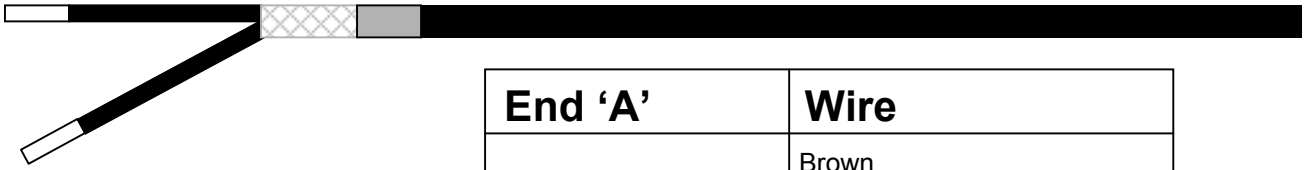
If optical probing is NOT required, the ‘Brown/White’ wire is to be cut back flush with the outer sheath.

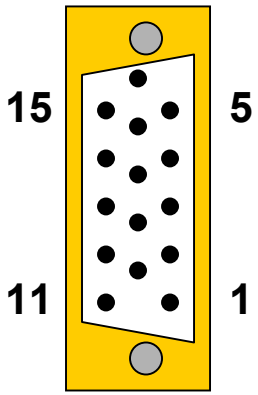
Once this wire is removed, use of the optical probe systems will NOT be possible without complete replacement of the probe cable and parallel connection of the ‘Brown/White’ and ‘Green’ wires.

PL107 Cable Assembly

End ‘A’

A-2150-0484



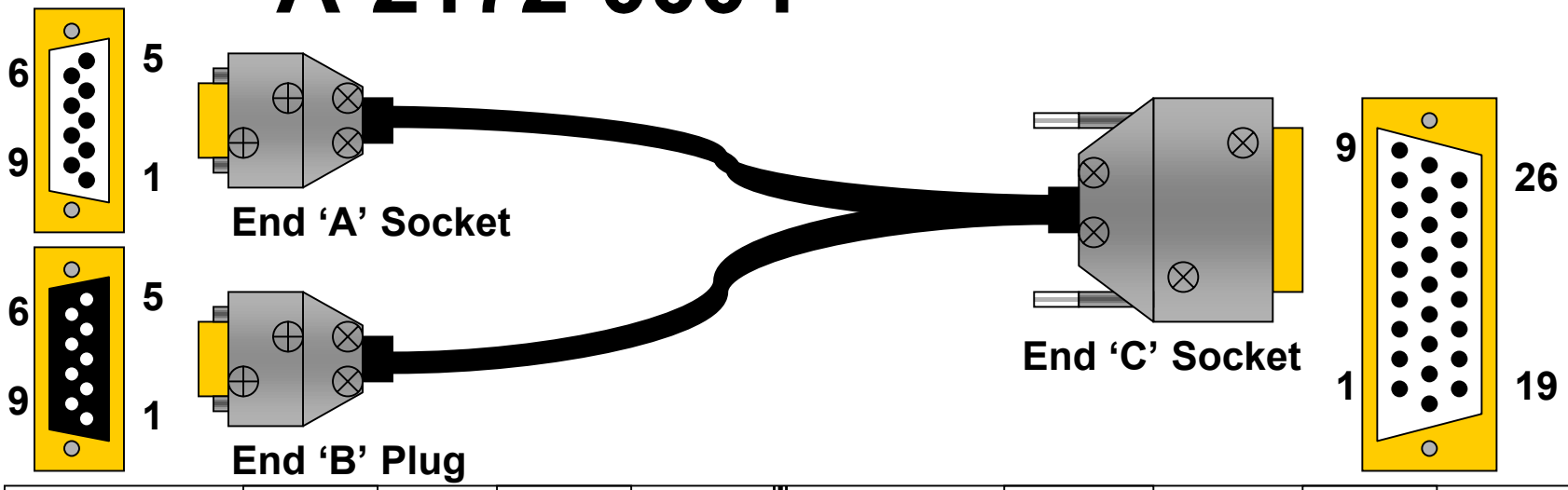


Socket

End ‘A’	Wire
	Brown
	Black/White
	Green
	Violet
	Yellow
	Red
	Blue
	White
	Coax Outer
	Coax Core
	Orange
	Blue/White
	Grey
	Brown/White
14	White
15	Brown
Shell	SCREEN
Male contact pin crimp	

PL112 Cable Assembly

A-2172-0004



Use	End ‘A’	Wire	End ’B’	End ‘C’	Use	End ‘A’	Wire	End ‘B’	End’C’
STOP (Out)	----	Red	1	1	OVERTRAVEL	----	----------		18
PPOFF (Out)	----	Blue	2	2	LED OFF (IN)	8	Violet		19
0V (Out)	----	Green	3	3	PDAMP (IN)	7	Brown		20
+5V (Out)	----	Yellow	4	4	150R PULL UP	6	Black		21
SYNC (Out)	----	White	5	5	PROBE SIGNAL	5	White		22
HALT (Out)	----	Black	6	6	LED A (IN)	4	Yellow		23
PDAMP (Out)	----	Brown	7	7	0V (IN)	3	Green		24
LEDOFF (Out)	----	Violet	8	8	PPOFF (IN)	2	Blue		25
READ (Out)	----	Orange	9	9	STOP (IN)	1	Red		26
PROBE RETURN	9	Orange	----	10	SCREEN	Shell	----------	Shell	Shell
O/T RETURN	----	---------	----	17	----------	----	----------	----	----

PL113 Cable Assembly

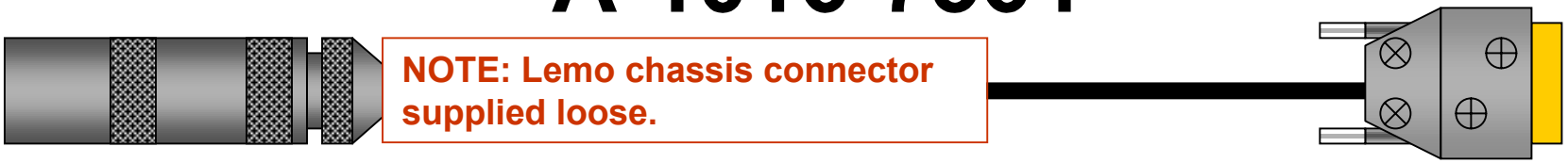
A-2172-0005



End ‘A’	Wire	End B	End ‘A’	Wire	End ‘B’
---	---	1	7	Blue	18
---	---	2	---	---	19
---	---	3	---	---	20
---	---	4	---	---	21
---	---	5	---	---	22
---	---	6	---	---	23
---	---	7	---	---	24
---	---	8	---	---	25
---	---	9	---	---	26
---	---	10	SHELL	---	SHELL
5	Red	11	----------	---	----------

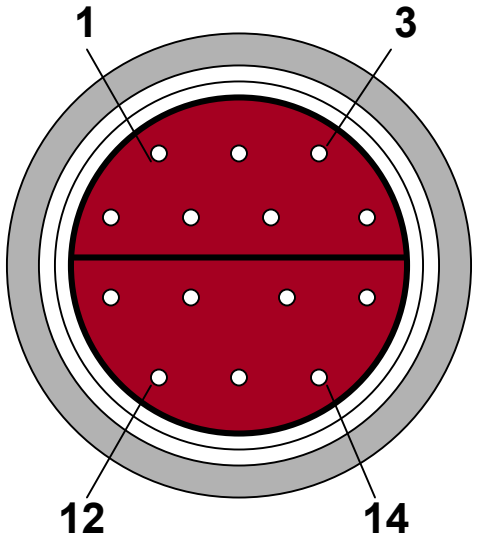
PLM6 Cable Assembly

A-1016-7564



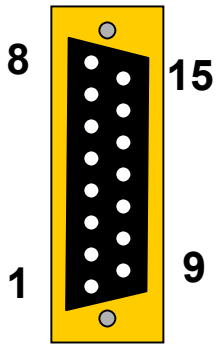
NOTE: Lemo chassis connector supplied loose.

End ‘A’



Wire	End ‘A’	End ‘B’
SCREEN	11	Shell
Violet	3	6
Black	1	14
Brown	2	1
Red	6	12
Yellow	12	3
Blue	13	8
Orange	10	15
White	8	11
Turquoise	7	2
Pink	9	7
Green	5	10
Grey	14	5
Green/Red	4	4

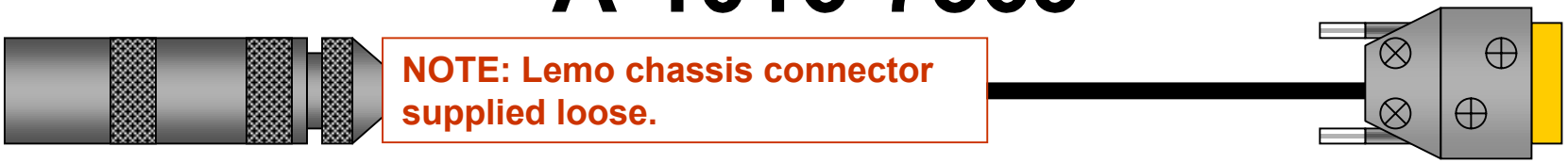
End ‘B’



Plug

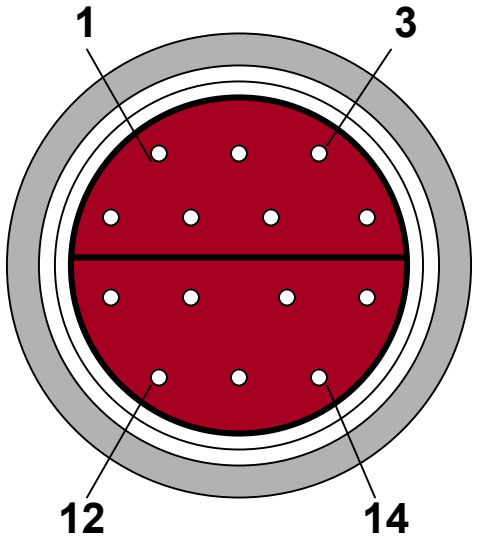
PLM7 Cable Assembly

A-1016-7563



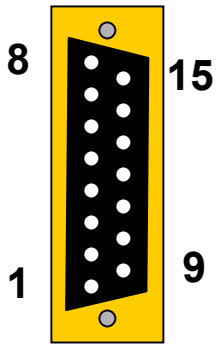
NOTE: Lemo chassis connector supplied loose.

End ‘A’



Wire	End ‘A’	End ‘B’
SCREEN	11	Shell
Violet	3	6
Black	1	14
Brown	2	1
Red	6	12
Yellow	12	3
Blue	13	8
Orange	10	15
White	8	11
Turquoise	7	2
Pink	9	7
Green	5	10
Grey	14	5
Green/Red	4	4

End ‘B’



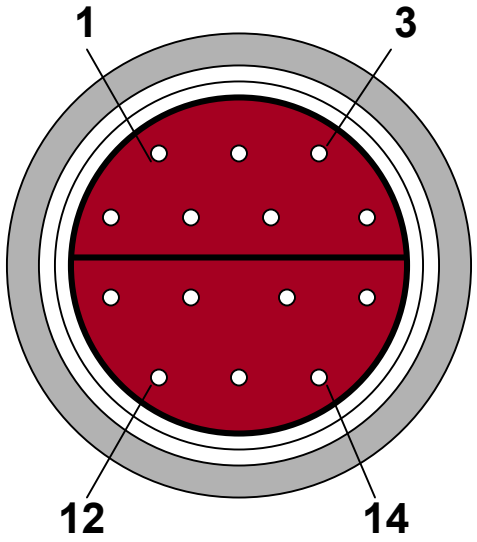
Plug

PLM8 Cable Assembly

A-1016-7677

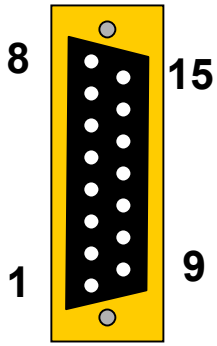


End ‘A’



Wire	End ‘A’	End ‘B’
SCREEN	11	Shell
Violet	3	6
Black	1	14
Brown	2	1
Red	6	12
Yellow	12	3
Blue	13	8
Orange	10	15
White	8	11
Turquoise	7	2
Pink	9	7
Green	5	10
Grey	14	5
Green/Red	4	4

End ‘B’



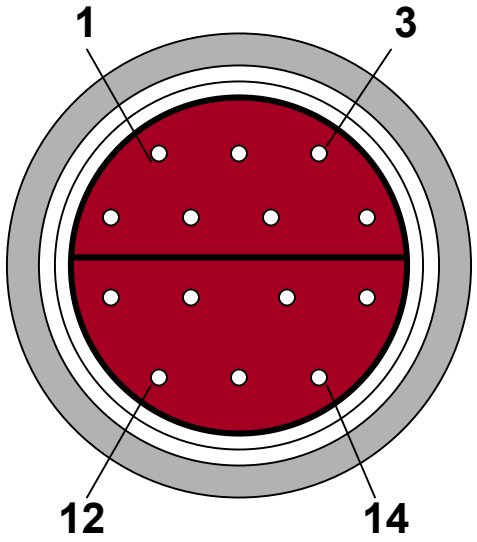
Plug

PLM9 Cable Assembly

A-1016-7678

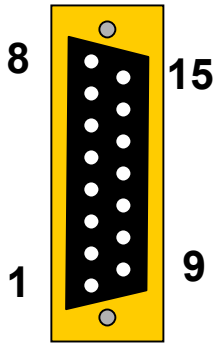


End ‘A’



Wire	End ‘A’	End ‘B’
SCREEN	11	Shell
Violet	3	6
Black	1	14
Brown	2	1
Red	6	12
Yellow	12	3
Blue	13	8
Orange	10	15
White	8	11
Turquoise	7	2
Pink	9	7
Green	5	10
Grey	14	5
Green/Red	4	4

End ‘B’



Plug