

CONNECTOR B
MINK-19-CCP

FCC0502STP
OVERALL LENGTH = 3m

CONNECTOR A	CONDUCTOR
1	TSP1-1
2	TSP1-2
3	TSP2-1
4	TSP2-2
5	CORE 1 - 22AWG
6	CORE 2 - 22AWG
7	CORE 3 - 22AWG
8	CORE 4 - 22AWG
9	CORE 5 - 22AWG
10	CORE 6 - 22AWG
11	CORE 7 - 22AWG
12	CORE 8 - 22AWG
13	CORE 9 - 22AWG
14	CORE 10 - 22AWG
15	CORE 11 - 22AWG
16	CORE 12 - 22AWG
17	CORE 13 - 22AWG
18	CORE 14 - 22AWG
19	CORE 15 - 22AWG

NOTES :

HARNESS TO BE LABELLED WITH THE PART NUMBER AND IDENT AS PER LABEL SCHEDULE.
CONNECTOR IDENTs SHOWN ARE FOR REFERENCE PURPOSES ONLY AND NOT TO BE AFFIXED BY THE MANUFACTURER

CABLE CONSTRUCTION:
2 x 0.5mm² TSP
15 x 22 AWG CONDUCTORS

DRAWING NO.
AB6306

SHEET 1 OF 1

ISSUE NO.
0

A4

ALL INTELLECTUAL PROPERTY RIGHTS SUBSISTING IN THESE DESIGNS ARE THE PROPERTY OF SOIL MACHINE DYNAMICS LTD. NO COPY IS TO BE MADE WITHOUT THE WRITTEN PERMISSION OF SOIL MACHINE DYNAMICS LTD. ANY PATENT APPLICATIONS, PATENTS AND/OR DESIGN APPLICATIONS, REGISTERED DESIGNS, DESIGN RIGHTS OR COPYRIGHT ARISING FROM OR CONTAINED IN THE DESIGNS ARE THE PROPERTY OF SOIL MACHINE DYNAMICS LTD. AND ALL INFORMATION MUST BE HELD IN THE STRICTEST CONFIDENCE.

CAD

L = 2.5M

CONNECTOR A
MINK-10-CCP

CONNECTOR A	CONDUCTOR
1	CORE 1 - 20 AWG
2	CORE 2 - 20 AWG
3	CORE 3 - 20 AWG
4	CORE 4 - 20 AWG
5	CORE 5 - 20 AWG
6	CORE 6 - 20 AWG
7	CORE 7 - 20 AWG
8	CORE 8 - 20 AWG
9	CORE 9 - 20 AWG
10	CORE 10 - 20 AWG

NOTES :

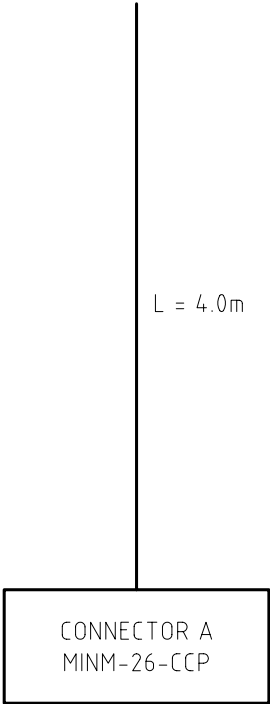
IDENTIFICATION LABELS SHOWN, TO BE HEAT-SHRINKED TO HARNESS ADJACENT TO CONNECTOR.
INDIVIDUAL CORES TO BE NUMBERED AT FREE END.

CABLE SPECIFICATION :
10 x 20AWG CONDUCTORS

NO.	DATE	CHANGE	DRAWN	CHECK	NO.	DATE	CHANGE	DRAWN	CHECK

DIMENSIONS	DESIGNED	DRAWN	TOLERANCES UNLESS OTHERWISE STATED					TITLE		
mm	C.L.T	C.L.T	DIMENSION mm	UP TO 100	100 TO 300	300 TO 1000	OVER 1000	HARNESS SPECIFICATION - JB 1 POWER		
MATERIAL	DATE	CHECKED	FABRICATION	± 1.0	± 1.5	± 2.0	± 3.0	DO NOT SCALE	DRAWING NO. AB6306	ISSUE NO. 0
-	10.09.07	T.F.S	MACHINED PART	± 0.15	± 0.4	± 0.8	± 1.0			
PROJECTION 3RD	SCALE	SMD Hydrovision							SHEET 1 OF 1	
	-									

CONNECTOR A	CONDUCTOR
1	TSP1-1
2	TSP1-2
3	TSP1-3
4	TSP2-1
5	TSP2-2
6	TSP3-1
7	TSP3-2
8	TSP2/3-3
9	TSP4-1
10	TSP 4-2
11	CORE 1 - 20 AWG
12	CORE 2 - 20 AWG
13	CORE 3 - 20 AWG
14	CORE 4 - 20 AWG
15	CORE 5 - 20 AWG
16	CORE 6 - 20 AWG
17	CORE 7 - 20 AWG
18	CORE 8 - 20 AWG
19	CORE 9 - 20 AWG
20	CORE 10 - 20 AWG
21	COAX 1
22	COAX 1 SCREEN
23	COAX 2
24	COAX SCREEN 2
25	COAX 3
26	COAX SCREEN 3



NOTES

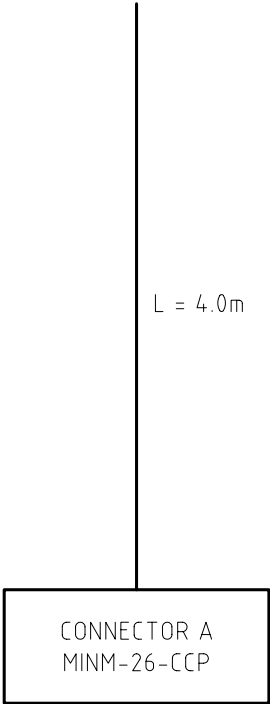
IDENTIFICATION LABEL TO BE HEAT-SHRUNKED TO HARNESS ADJACENT TO EACH CONNECTOR.

DETAILS SPECIFIED ON HARNESS GENERAL ARRANGEMENT.

CABLE CONSTRUCTION :

3 x COAX
10 x 20AWG CORE
4 x 0.5mm² TSP

CONNECTOR A	CONDUCTOR
1	TSP1-1
2	TSP1-2
3	TSP1-3
4	TSQ1-1
5	TSQ1-2
6	TSQ1-3
7	TSQ1-4
8	TSQ SCN
9	TSP4-1
10	TSP 4-2
11	CORE 1 - 20 AWG
12	CORE 2 - 20 AWG
13	CORE 3 - 20 AWG
14	CORE 4 - 20 AWG
15	CORE 5 - 20 AWG
16	CORE 6 - 20 AWG
17	CORE 7 - 20 AWG
18	CORE 8 - 20 AWG
19	CORE 9 - 20 AWG
20	CORE 10 - 20 AWG
21	COAX 1
22	COAX 1 SCREEN
23	COAX 2
24	COAX SCREEN 2
25	COAX 3
26	COAX SCREEN 3



NOTES

IDENTIFICATION LABEL TO BE HEAT-SHRINKED TO HARNESS ADJACENT TO EACH CONNECTOR.

DETAILS SPECIFIED ON HARNESS GENERAL ARRANGEMENT.

CABLE CONSTRUCTION :

3 x COAX
10 x 20AWG CORE
2 x 0.5mm² TSP
1 x 0.5mm TSQ

NO.	DATE	CHANGE		DRAWN	CHECK	NO.	DATE	CHANGE		DRAWN	CHECK	
1	22.09.07	CHANGE TSP 1&2 TO TSQ		C.L.T	T.F.S							
DIMENSIONS		DESIGNED	DRAWN	TOLERANCES UNLESS OTHERWISE STATED				TITLE HARNESS SPECIFICATION - TOOL SLED				
mm		C.L.T	C.L.T	DIMENSION mm	UP TO 100	100 TO 300	300 TO 1000					OVER 1000
MATERIAL		DATE	CHECKED	FABRICATION	± 1.0	± 1.5	± 2.0	± 3.0	DO NOT SCALE		DRAWING NO. AB6309	ISSUE NO. 1
-		09.08.07	T.F.S	MACHINED PART	± 0.15	± 0.4	± 0.8	± 1.0				
PROJECTION 3RD		SCALE	SMD Hydrovision						SHEET 1 OF 1			
		-										

CONNECTOR A	CONDUCTOR	CONNECTOR A	CONDUCTOR
1	TSP1-1	23	CORE 21 - 20 AWG
2	TSP1-2	24	CORE 22 - 20 AWG
3	CORE 1 - 20 AWG	25	CORE 23 - 20 AWG
4	CORE 2 - 20 AWG	26	CORE 24 - 20 AWG
5	CORE 3 - 20 AWG	27	CORE 25 - 20 AWG
6	CORE 4 - 20 AWG	28	CORE 26 - 20 AWG
7	CORE 5 - 20 AWG	29	CORE 27 - 20 AWG
8	CORE 6 - 20 AWG	30	CORE 28 - 20 AWG
9	CORE 7 - 20 AWG	31	CORE 29 - 20 AWG
10	CORE 8 - 20 AWG	32	CORE 30 - 20 AWG
11	CORE 9 - 20 AWG	33	CORE 31 - 20 AWG
12	CORE 10 - 20 AWG	34	CORE 32 - 20 AWG
13	CORE 11 - 20 AWG	35	CORE 33 - 20 AWG
14	CORE 12 - 20 AWG	36	CORE 34 - 20 AWG
15	CORE 13 - 20 AWG	37	CORE 35 - 20 AWG
16	CORE 14 - 20 AWG	38	CORE 36 - 20 AWG
17	CORE 15 - 20 AWG	39	CORE 37 - 20 AWG
18	CORE 16 - 20 AWG	40	CORE 38 - 20 AWG
19	CORE 17 - 20 AWG	41	CORE 39 - 20 AWG
20	CORE 18 - 20 AWG	42	CORE 40 - 20 AWG
21	CORE 19 - 20 AWG	43	CORE 41 - 20 AWG
22	CORE 20 - 20 AWG	44	CORE 42 - 20 AWG

NOTES

IDENTIFICATION LABEL TO BE HEAT-SHRINKED TO HARNESS ADJACENT TO CONNECTOR.

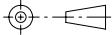
DETAILS SPECIFIED ON HARNESS GENERAL ARRANGEMENT.

CABLE CONSTRUCTION :

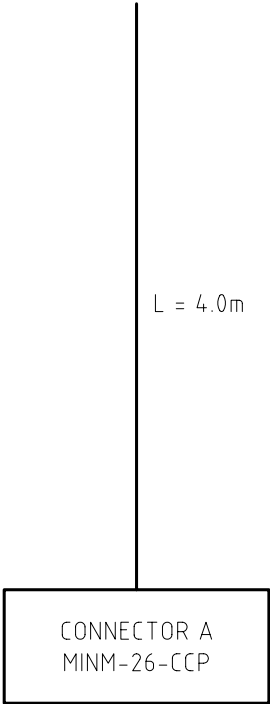
42 X 20 AWG CORES
1 x 0.5mm² TSP

L = .3.0m

CONNECTOR A
MINO-44-CCP

NO.	DATE	CHANGE	DRAWN	CHECK	NO.	DATE	CHANGE	DRAWN	CHECK
DIMENSIONS		DESIGNED	DRAWN	TOLERANCES UNLESS OTHERWISE STATED				TITLE	
mm		C.L.T	C.L.T	DIMENSION mm	UP TO 100	100 TO 300	300 TO 1000	OVER 1000	HARNESS SPECIFICATION - POD POWER
MATERIAL		DATE	CHECKED	FABRICATION	± 1.0	± 1.5	± 2.0	± 3.0	DO NOT SCALE
-		09.08.07	T.F.S	MACHINED PART	± 0.15	± 0.4	± 0.8	± 1.0	
PROJECTION 3RD		SCALE	SMD Hydrovision					DRAWING NO.	ISSUE NO.
		-						AB6312	0
								SHEET 1 OF 1	

CONNECTOR A	CONDUCTOR
1	CORE 1 - 20 AWG
2	CORE 2 - 20 AWG
3	CORE 3 - 20 AWG
4	CORE 4 - 20 AWG
5	CORE 5 - 20 AWG
6	CORE 6 - 20 AWG
7	CORE 7 - 20 AWG
8	CORE 8 - 20 AWG
9	CORE 9 - 20 AWG
10	CORE 10 - 20 AWG
11	CORE 11 - 20 AWG
12	CORE 12 - 20 AWG
13	CORE 13 - 20 AWG
14	CORE 14 - 20 AWG
15	CORE 15 - 20 AWG
16	CORE 16 - 20 AWG
17	TSP 1-1
18	TSP 1-2
19	TSP 2-1
20	TSP 2-2
21	TSP 3-1
22	TSP 3-2
23	TSP 4-1
24	TSP 5-1
25	TSP 5-2
26	TSP 5-SC



NOTES

IDENTIFICATION LABEL TO BE HEAT-SHRUNKED TO HARNESS ADJACENT TO EACH CONNECTOR.

DETAILS SPECIFIED ON HARNESS GENERAL ARRANGEMENT.

CABLE CONSTRUCTION :

3 x COAX
10 x 20AWG CORE
4 x 0.5mm² TSP

CONNECTOR B
MCIL-2-FS
MCDLS-F

FCC0502STP
L = 2.5m

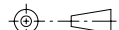
CONNECTOR A	CONDUCTOR
1	TSP1-1
2	TSP2-1

NOTES :

HARNESS TO BE LABELLED WITH THE PART NUMBER AND IDENT AS PER LABEL SCHEDULE.

CONNECTOR IDENTs SHOWN ARE FOR REFERENCE PURPOSES ONLY AND NOT TO BE AFFIXED BY THE MANUFACTURER

CABLE CONSTRUCTION : 1 x 0.5mm2 STP

NO.	DATE	CHANGE			DRAWN	CHECK	NO.	DATE	CHANGE			DRAWN	CHECK
DIMENSIONS		DESIGNED	DRAWN	TOLERANCES UNLESS OTHERWISE STATED				TITLE HARNESS SPECIFICATION - RES MOIST					
mm		C.L.T	C.L.T	DIMENSION mm	UP TO 100	100 TO 300	300 TO 1000						
MATERIAL		DATE	CHECKED	FABRICATION	± 1.0	± 1.5	± 2.0	± 3.0	DO NOT SCALE		DRAWING NO.		ISSUE NO.
-		10.09.07	T.F.S	MACHINED PART	± 0.15	± 0.4	± 0.8	± 1.0			AB6437		
PROJECTION 3RD		SCALE	SMD Hydrovision							SHEET 1 OF 1		0	
		-											

CONNECTOR B
MCIL-8-FS
MCDLS-F

FCC0504STP

OVERALL LENGTH = 3m

CONNECTOR A	CONDUCTOR
1	TSP1-1
2	TSP1-2
3	TSP2-1
4	TSP2-2
5	TSP3-1
6	TSP3-2
7	TSP4-1
8	TSP4-2

NOTES :

HARNESS TO BE LABELLED WITH THE PART NUMBER AND IDENT AS PER LABEL SCHEDULE.
CONNECTOR IDENTs SHOWN ARE FOR REFERENCE PURPOSES ONLY AND NOT TO BE AFFIXED BY THE MANUFACTURER
INDIVIDUAL CORES TO BE NUMBERED AT LOOSE END.

CABLE CONSTRUCTION:
4 x 0.5mm² TSP

DRAWING NO. AB6858		ISSUE NO. 0		A4		ALL INTELLECTUAL PROPERTY RIGHTS SUBSISTING IN THESE DESIGNS ARE THE PROPERTY OF SOIL MACHINE DYNAMICS LTD. NO COPY IS TO BE MADE WITHOUT THE WRITTEN PERMISSION OF SOIL MACHINE DYNAMICS LTD. ANY PATENT APPLICATIONS, PATENTS AND/OR DESIGN APPLICATIONS, REGISTERED DESIGNS, DESIGN RIGHTS OR COPYRIGHT ARISING FROM OR CONTAINED IN THE DESIGNS ARE THE PROPERTY OF SOIL MACHINE DYNAMICS LTD. AND ALL INFORMATION MUST BE HELD IN THE STRICTEST CONFIDENCE.				CAD																											
SHEET 1 OF 1																																					
L = 4.0M CONNECTOR A MINM-12-CCP																																					
<table><tr><td>CONNECTOR A</td><td>CONDUCTOR</td></tr><tr><td>1</td><td>TSP 1-1</td></tr><tr><td>2</td><td>TSP 1-2</td></tr><tr><td>3</td><td>TSP 2-1</td></tr><tr><td>4</td><td>TSP 2-2</td></tr><tr><td>5</td><td>TSP 3-1</td></tr><tr><td>6</td><td>TSP 3-2</td></tr><tr><td>7</td><td>CORE 1 - 20 AWG</td></tr><tr><td>8</td><td>CORE 2 - 20 AWG</td></tr><tr><td>9</td><td>CORE 3 - 16 AWG</td></tr><tr><td>10</td><td>CORE 4 - 16 AWG</td></tr><tr><td>11</td><td>CORE 5 - 16 AWG</td></tr><tr><td>12</td><td>CORE 6 - 16 AWG</td></tr></table>												CONNECTOR A	CONDUCTOR	1	TSP 1-1	2	TSP 1-2	3	TSP 2-1	4	TSP 2-2	5	TSP 3-1	6	TSP 3-2	7	CORE 1 - 20 AWG	8	CORE 2 - 20 AWG	9	CORE 3 - 16 AWG	10	CORE 4 - 16 AWG	11	CORE 5 - 16 AWG	12	CORE 6 - 16 AWG
CONNECTOR A	CONDUCTOR																																				
1	TSP 1-1																																				
2	TSP 1-2																																				
3	TSP 2-1																																				
4	TSP 2-2																																				
5	TSP 3-1																																				
6	TSP 3-2																																				
7	CORE 1 - 20 AWG																																				
8	CORE 2 - 20 AWG																																				
9	CORE 3 - 16 AWG																																				
10	CORE 4 - 16 AWG																																				
11	CORE 5 - 16 AWG																																				
12	CORE 6 - 16 AWG																																				
NOTES : IDENTIFICATION LABELS SHOWN, TO BE HEAT-SHRINKED TO HARNESS ADJACENT TO CONNECTOR. INDIVIDUAL CORES TO BE NUMBERED AT FREE END. CABLE SPECIFICATION : 3 X TSP 2 X 20 AWG CONDUCTORS 4 x 16AWG CONDUCTORS																																					
NO.	DATE	CHANGE			DRAWN	CHECK	NO.	DATE	CHANGE			DRAWN	CHECK																								
DIMENSIONS		DESIGNED	DRAWN	TOLERANCES UNLESS OTHERWISE STATED				TITLE																													
mm		C.L.T	C.L.T	DIMENSION mm	UP TO 100	100 TO 300	300 TO 1000	OVER 1000	HARNESS SPECIFICATION - AUX JB																												
MATERIAL		DATE	CHECKED	FABRICATION	± 1.0	± 1.5	± 2.0	± 3.0	DO NOT SCALE		DRAWING NO.		ISSUE NO.																								
-		10.09.07	T.F.S	MACHINED PART	± 0.15	± 0.4	± 0.8	± 1.0			AB6858			0																							
PROJECTION 3RD		SCALE		SMD Hydrovision					SHEET 1 OF 1																												
		-																																			

CONNECTOR B
MCIL-3-FS
MCDLS-F

FCC0502STP
L = 2.5m

CONNECTOR A	CONDUCTOR
1	TSP1-1
2	TSP2-1
3	TSP1-2

NOTES :

HARNESS TO BE LABELLED WITH THE PART NUMBER AND IDENT AS PER LABEL SCHEDULE.

CONNECTOR IDENTs SHOWN ARE FOR REFERENCE PURPOSES ONLY AND NOT TO BE AFFIXED BY THE MANUFACTURER

CABLE CONSTRUCTION : 2 x 0.5mm² STP

CONNECTOR B
MCIL-4-FS
MCDLS-F

FCC0502STP
OVERALL LENGTH = 2m

CONNECTOR A	CONDUCTOR
1	TSP1-1
2	TSP1-2
3	TSP2-1
4	TSP2-2

NOTES :

HARNESS TO BE LABELLED WITH THE PART NUMBER AND IDENT AS PER LABEL SCHEDULE.
CONNECTOR IDENTs SHOWN ARE FOR REFERENCE PURPOSES ONLY AND NOT TO BE AFFIXED BY THE MANUFACTURER

CABLE CONSTRUCTION:
2 x 0.5mm² TSP

