

NOTES:

1) Contents of ID-label (Item 3):

994808b WWYY

MANUFACTURER

Where:

WWYY=week of manufacture

MANUFACTURER=ID of manufacturer

2) Use only approved, preferably Nokia coded materials.

3) All changes only upon approval of design authority.

4) This assembly must be either a UL recognized component including a minimum flammability rating of UL94V-1 for connectors, VW-1 for power cabling wiring, and be employed in accordance with its UL recognition criteria.

5) This assembly shall comply with the European Union ROHS Directive 2002/95/EC on restriction of the use of certain

hazardous substances in electrical and electronic equipment.

6) This assembly shall comply with the Nokia substance list.

7) All dimensions are in millimeters.

8) Round cable outer jacket diameter 8,3+/-0.5

9) PIN CONFIGURATION IS ONE TO ONE

10) Stripping and crimping instructions:

Use qualified connector manufacturer's individual instructions.

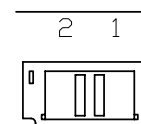
NOTE:

11) Install connector seal carefully. Check connector seal condition before contacts are crimped and after connectors are installed.

12) Cable assembly shall be UV resistant, and shall withstand an operating temperature range of -35...+80C.

13) Contact locks, contacts and connector bodies must be from the same manufacturer.

View A-A



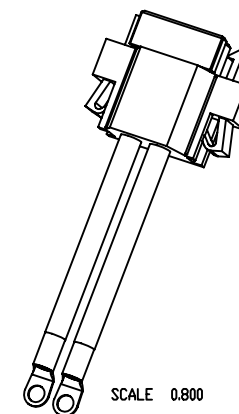
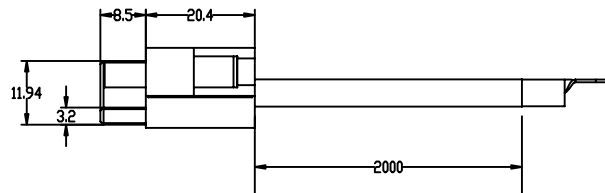
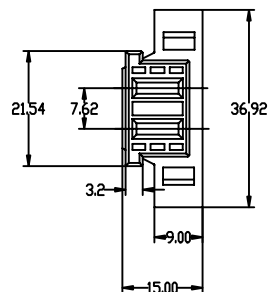
Wiring

Conn.1	Conn.2	Conductors colour
1	1	black/V48RTN+
2	2	blue/V48N-

4	Connector seal	PC	2
3	ID-label	PC	1
2	Cable 2*AWG12, conductors blue and black	M	2
1	Connector Kits	PC	2
Part	Description	UNIT	PCS

mat'l. code				surface	tolerance	projection	product family			
ltr	ecn no	dr	date	tolerances unless otherwise specified	angles	linear	CABLE			
A	N07-0025						title			
B	N07-0105						2P Power Blade cable assembly			
							scale			
				dr	Jackson	Apr2307	dwg no			
				engr	Jackson	Apr2307	sheet 1 of 3			
				chr	Jackson	Apr2307	10075353-001			
				app	Jackson	Apr2307	type PRODUCTCUSTOMER Drawing			
sheet index	revision	B	A	A						
	sheet	1	2	3						

10075353-00102LF



Note:

1. Connector Pitch is 7.62mm
2. UL1015 8AWG Raw cable
3. Terminal is KST RNBS8-6

mat'l. code				surface	tolerance	projection	product family			
14				ISO 1302	ISO 406	ISO 1101	Power blade			
ltr	ecn no	dr	date	tolerances unless otherwise specified			title			
	N07-0105			angles	linear	MM	Power blade 2P cable assembly			
						scale 4				
				dr	Jackson	Apr2307'	dwg no		sheet 2 of 3	size
				engr	Jackson	Apr2307'	10075353-001			A3
				chr	Jackson	Apr2307'				
				appd	Jack	Apr2307'	type PRODUCTCUSTOMER Drawing			
sheet index	revision sheet	A	2							

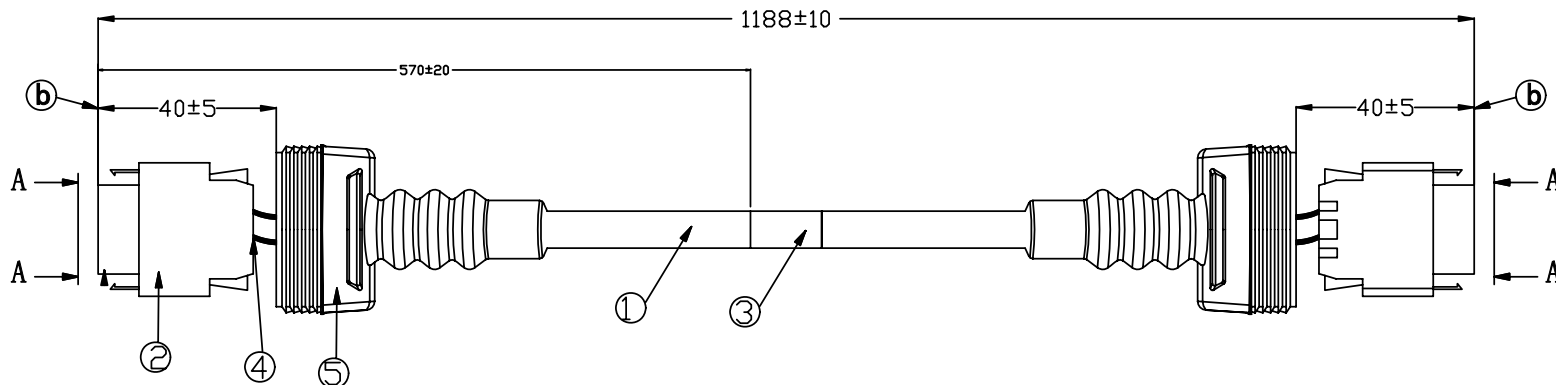
PDM: Rev:B

STATUS: Released

Printed: Apr 24, 2007

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P/N
10075353-00103LFP



NOTES:

1) Contents of ID-label(Item 3):

994940a WWYY

MANUFACTURER

Where:

WWYY=week of manufacture

MANUFACTURER=ID of manufacturer

2) Use only approved,preferably Nokia coded materials.

3) All changes only upon approval of design authority.

4) This assembly must be either a UL recognized component including a minimum flammability rating of UL94V-1 for connectors,VW-1 for power cabling wiring,and be employed in accordance with its UL recognition criteria.

5) This assembly shall comply with the European Union ROHS Directive 2002/95/EC on restriction of the use of certain

hazardous substances in electrical and electronic equipment.

6) This assembly shall comply with the Nokia substance list.

7) All dimensions are in millimeters.

8) Round cable outer jacket diameter 8,3+/-0,5

9) PIN CONFIGURATION IS ONE TO ONE

10) Stripping and crimping instructions:

Use qualified connector manufacturer's individual instructions.

NOTE:

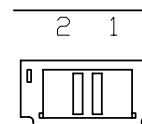
11) Install connector seal carefully.Check connector seal condition before contacts are crimped and after connectors are installed.

12) Cable assembly shall be UV resistant,and shall withstand an operating temperature range of -35...+80C.

13) Contact locks,contacts and connector bodys must be from the same manufacturer.

14) Color of the cable shall be black.

View A-A



ELECTRICAL REQUIREMENTS

Nominal Voltage: 48V DC

Operating Range 40-60V DC

Power: 610W

Wiring

Conn.1	Conn.2	Conductors colour
1	1	black/V48RTN+
2	2	blue/V48N-

5		Connector Seal Multibeam	PC	2
4		AWG12 TERMINAL	PC	4
3		ID LABEL	PC	1
2		FCI 2P CONNECTOR KITS	PC	2
1		Cable 2×AWG12,conductors blue and black	M	NA
ITEM	P/N	Description	UNIT	Qty
mat'l. code		surface ISO 1302	tolerance ISO 406 ISO 1101	projection
ltr ecn no		dr date	tolerances unless otherwise specified	title
A N07-0105			angles linear	MM
				scale 4
		dr Jackson Apr2307		product family CABLE
		engr Jackson Apr2307		title 2P Power Blade cable assembly
		chr Jackson Apr2307		dwg no 10075353-001
		appd Jack Apr2307		sheet 3 of 3 size A3
				type PRODUCTCUSTOMER Drawing
sheet Index	revision sheet	A 3		

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