

## **COUPLER DATA**

### **OVERHEAD COUPLER**

**Main.net FCC ID: QM3G2APLUS**



Medium Voltage Overhead Coupler - Confidential

---

# Overhead Coupler.

CPL00001-001

---

Ver 2.1  
05/03

1

CPL00001-001

**Copyright© 2002 Main.net Communications Ltd.**

The copying of this document or disclosure of the information it contains to any person who is not an employee of Main.Net communication Ltd. is strictly prohibited, unless prior written consent is obtained from Main.net communication Ltd. The information herein is Main.net Communication Ltd. intellectual property, reflects ideas and should not be used in a sales process.

---

## List of contents

Para	ITEM	Page
1	<b>General</b>	3
2	<b>Coupler Labeling</b>	4
3	<b>High Voltage Wire installation.</b>	5
4	<b>Coupler Base – ferrite cores installation.</b>	6
5	<b>Packaging</b>	7
App. A	<b>LBL10008, INSTALLATION DIRECTION “ARROW”LABEL</b>	8
App. B	<b>LBL10012, 'OPEN', LABEL</b>	9
App. C	<b>LBL10013, SCREW ARROW LABEL</b>	10
App. D	<b>LBL20053-05, MODEL LABEL</b>	11
App. E	<b>LBL20120, “G2” LABEL for Coupler Cable marking.</b>	12

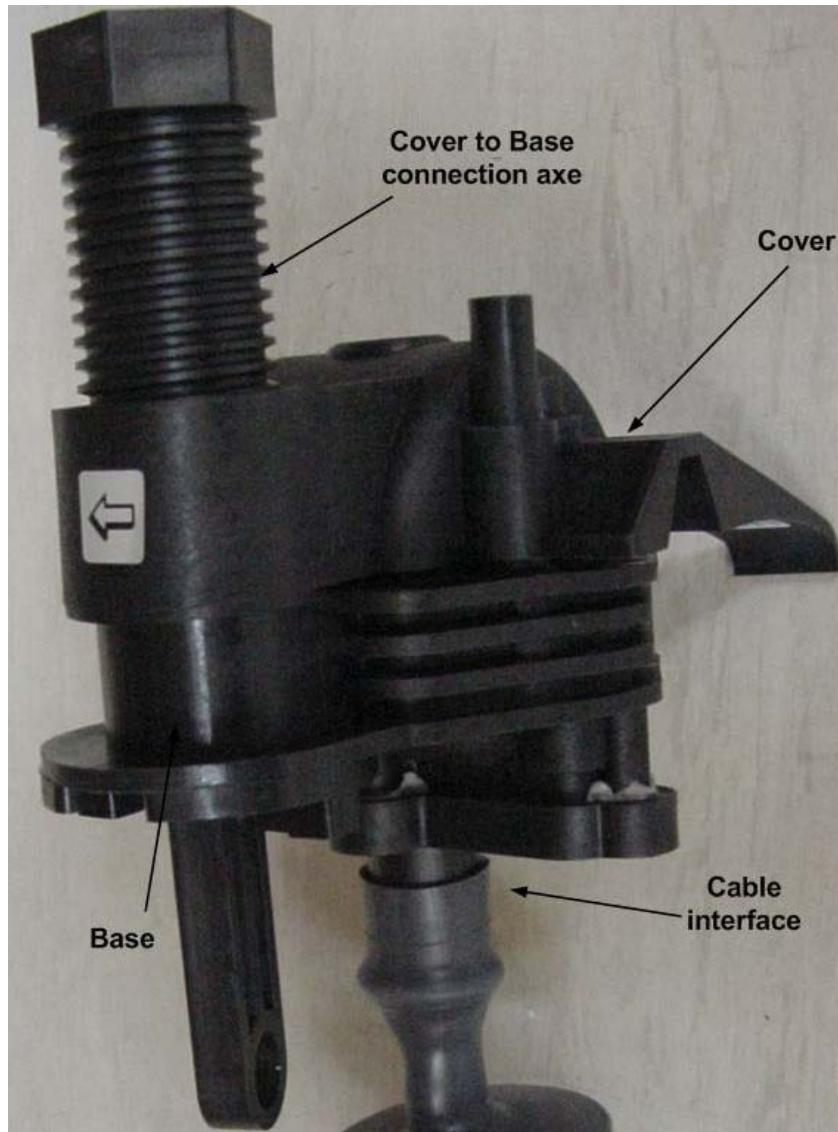
---

## 1. General.

### Over Head Coupler - general view.

The Coupler construction include:

- Plastic housing CPL10001 – Base, Cover, connection Axe, Flange, etc.
- Cores-P/N COR10005
- Fuses-P/N FUS00007
- Cable-P/N CAB0103K



**Fig. 1-1.**

## 2. Coupler Labeling.

- Put the "OPEN" (P/N LBL10012) and Arrow label (P/N LBL10013) on the Coupler Base as shown on the Fig. 2-1.

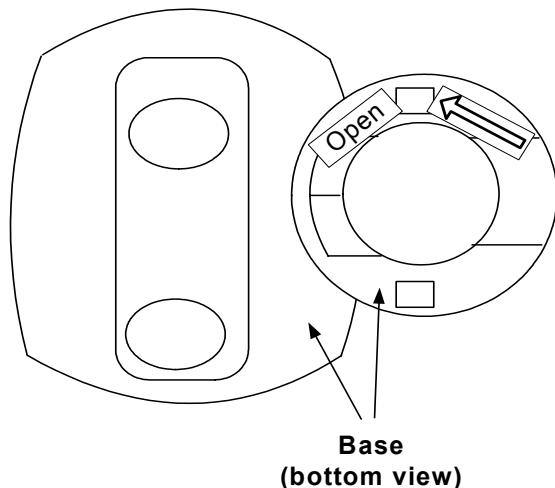


Fig. 2-1.

- Put the installation arrow (LBL10008) label on the Coupler Cover, as shown on the Fig. 2-2.



Fig. 2-2.

### 3. High Voltage Wire installation.

a. Cut a 68.5 cm of a H.V. red wire (P/N WIR20001).

b. Install/wrap the High Voltage Wire (P/N WIR20001) into the Coupler Base - two wraps. The installation must begin from the "Input", as shown on the Fig. 3-1.

c Put a Label (White cello tape) on the Input side of the HV wire, 120 mm from the bottom side of the Base.

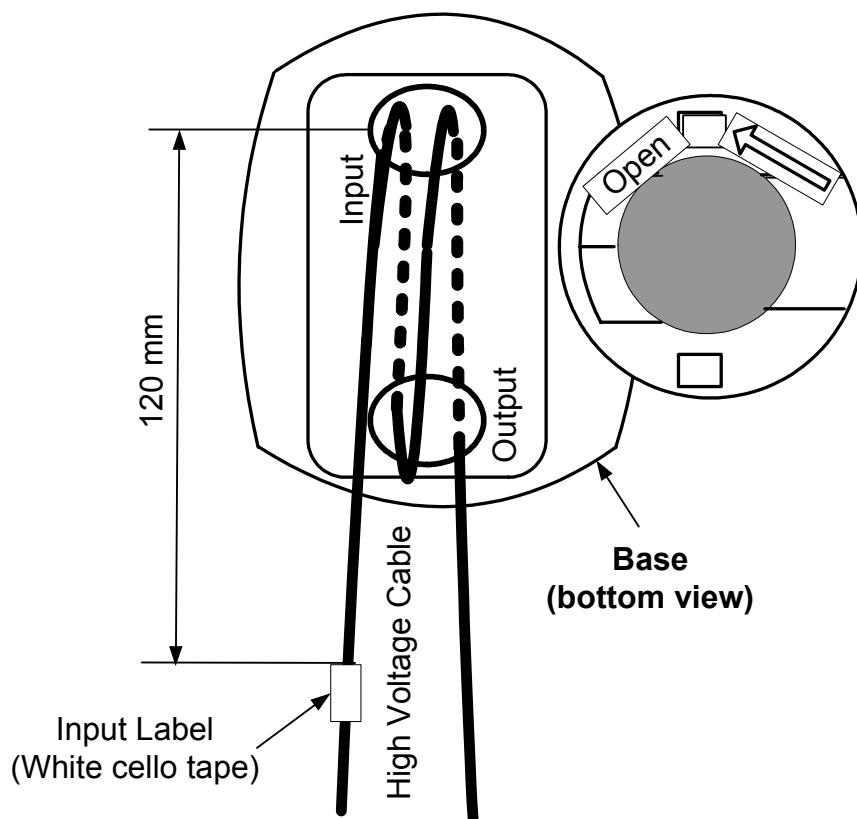


Fig. 3-1.

## 4. Coupler Base – ferrite cores installation.

### 4.1. Ferrites (P/N COR10005) coating.

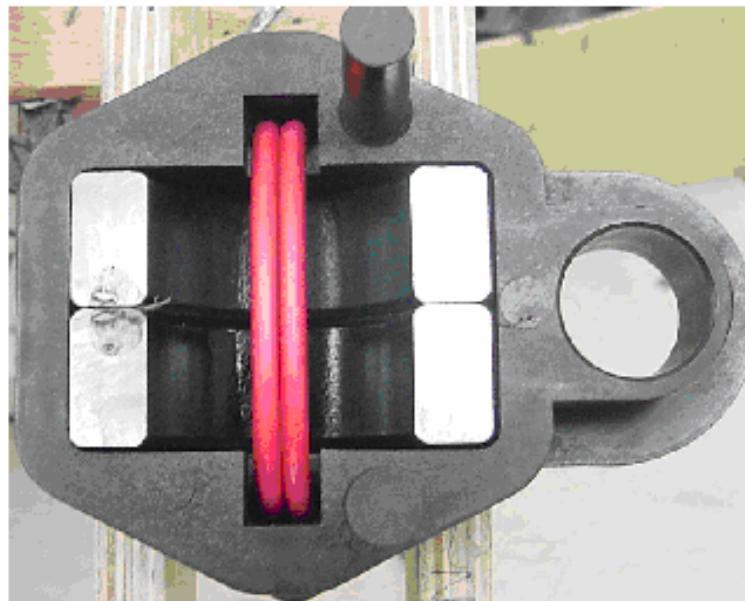
-Cover the Ferrites open, non-coated, sides with metals Lack, (GLU00005) transparent spray, (Jacoby, Vegelzang, Germany, ZAPON LACK).

-Let the Ferrites dry for an Hour minimum.

-Repeat the above for 2 times. At all should be 3 coating layers.

### 4.2 Ferrites/Cores (P/N COR10005) installation.

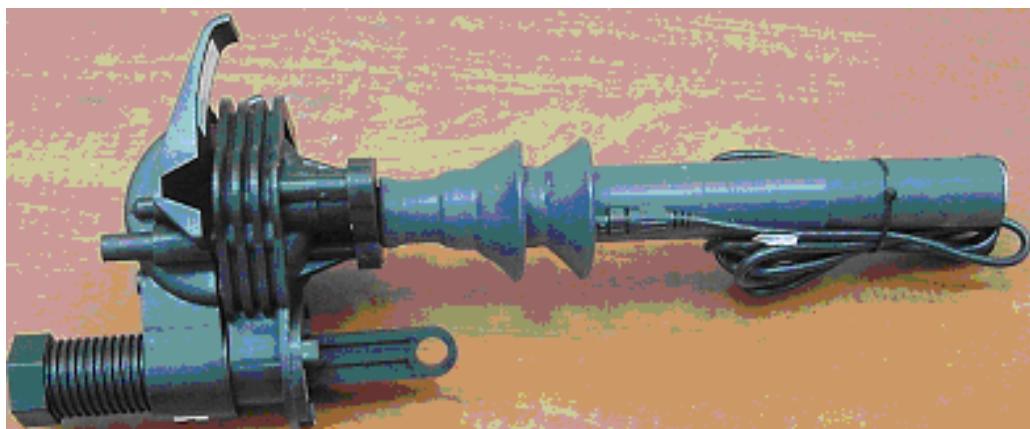
Take two half cores and drop them into the Coupler Base.



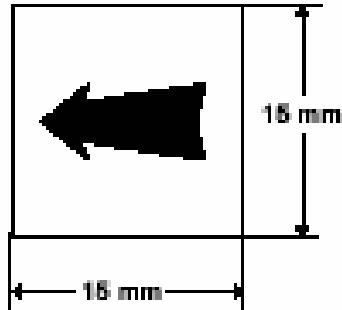
**Fig 4-1**

## 5. Packaging.

- Fix the Coupler Cable to the Weather Tube/Skirt:



**Fig. 5-1.**

**App. A. LBL10008, INSTALLATION DIRECTION “ARROW”  
LABEL.**

Notes:

Material : white FASSON900 polyamide adhesive.

		APPROVAL	DATE	TITLE			REV.
		APPROVING	REASON	APPROVING	DATE	ITEM NO.	
						LBL10008	500
				SCALE	NONE	EDITION	1 OF 1

## App. B. LBL10012, 'OPEN', LABEL


Notes:

Material white polyester fit to UL94VO (EPC, 114-WP).  
 Adhesive fit to UL94VO

main.net communications	APPROVED	DATE	TITLE: LABEL, "OPEN", OH COUPLER, W/POLY		
	DESIGNED BY	MANUFACTURED	DRAWN BY:		REV:
	CHECKED BY		A4	LBL10012	ADD
	APPROVED BY		SCALE:	NONE	HEET: 1 OF 1

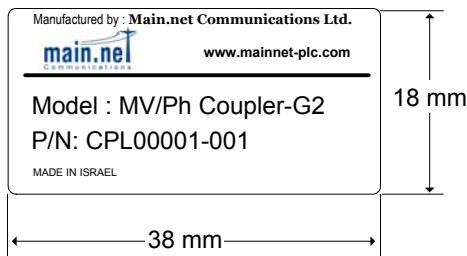
## App. C. LBL10013, SCREW ARROW LABEL


Notes:

Material white polyester fit to UL94VO (EPC, 114-WP).  
 Adhesive fit to UL94VO

APPROVALS		DATE	TITLE		
DESIGNED BY	Revised by	10/2003	LABEL, OH CPL SCREW ARROW, W. POLY		
CHECKED BY		10/2003	REV	BLW 100	10/2003
APPROVED BY			SCALE	NONE	1 OF 1
					

**App. D. LBL20053-05, MODEL LABEL**

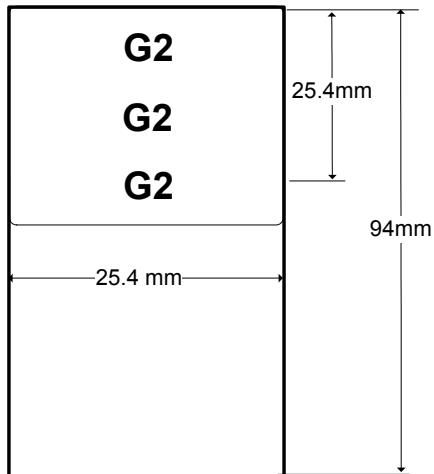


Notes:

Material white polyester fit to UL94V0 (EPC, 114-WP).  
Adhesive fit to UL94V0

	APPROVALS	DATE	TITLE: LABEL, MODEL, MV/Ph COUPLER-G2		
	DESIGNED BY: Ronen.D	02-2004	SIZE: A4	DWG NO. LBL20053-05	REV: A00
CHECKED BY: _____			SCALE: NONE		SHEET: 1 OF 1
APPROVED BY: _____					

**App. E. LBL20120, G2 LABEL for Coupler Cable (on arrester) marking.**



Label Type:  
 Nortec, P/N: V7408I736a2.5S  
 Id P/N: 152VR2.5S

APPROVALS		DATE	TITLE: LABEL, "G2" Marking on the OH Couplers Cable		
DESIGNED BY:	Burd M	08-2004	SIZE:	DWG NO.	REV:
CHECKED BY:	_____	_____	A4	LBL20120	A00
APPROVED BY:	_____	_____	SCALE:	NONE	SHEET: 1 OF 1

# **COUPLER DATA**

## **UNDERGROUND COUPLER**

**Main.net** FCC ID: QM3G2APLUS



Neutral and  
Underground Coupler

**CONFIDENTIAL**

---

# **Neutral and Underground Coupler.**

---

**(CPL00002-001)**

*September 2006*

## List of contents

<b>Para</b>	<b>ITEM</b>	<b>Page</b>
<b>1</b>	<b>Coupler Coil.</b>	<b>3</b>
<b>2</b>	<b>Cores.</b>	<b>4</b>
<b>3</b>	<b>Labeling.</b>	<b>4</b>
<b>App. A.</b>	<b>Model Label</b>	<b>5</b>
<b>App. B.</b>	<b>CPL installation direction Label</b>	<b>6</b>

## 1. Coupler Coil.

Connect the coil to the panel Connector and  
install the Coil into the Coupler Base.

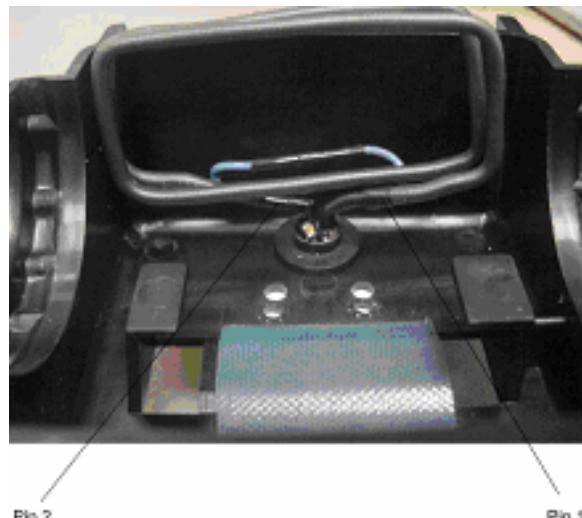
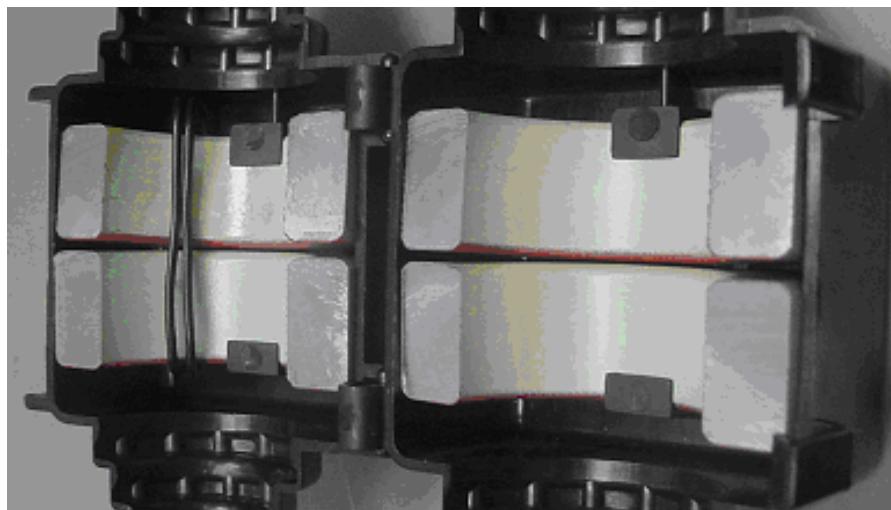


Fig. 1 -1.

CONFIDENTIAL

**2. Cores.**

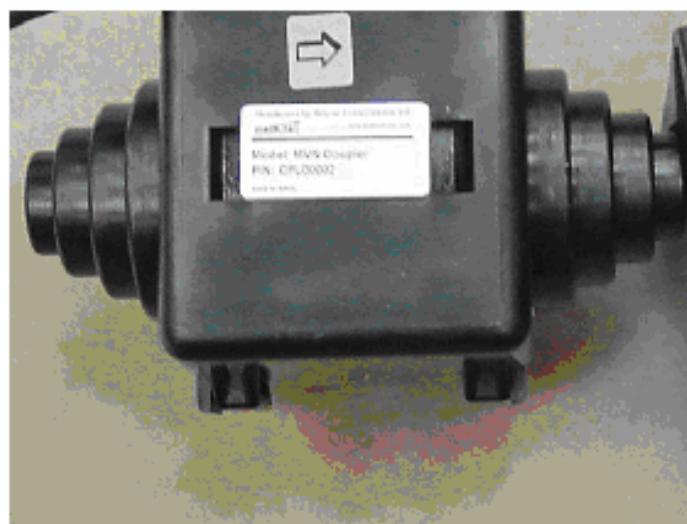
**Insert the Cores into the Coupler and close the Coupler.**



**Fig. 2-1**

**3. Labeling.**

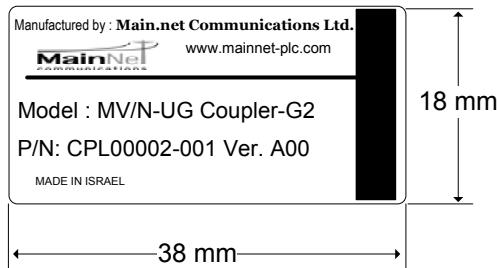
**Put the model label and the Arrow Label, for coupler installation direction, on the Coupler.**



**Fig. 3-1.**

**CONFIDENTIAL**

**Appendix A. Model Label.**



**Notes:**

Material white polyester fit to UL94V0 (EPC, 114-WP).  
Adhesive fit to UL94V0

	APPROVALS	DATE	TITLE: LABEL, MODEL, MV/N-UG Coupler-G2		
	DESIGNED BY Ronen.D	09-2006	SIZE: A4	DWG NO. LBL20052-05	REV: A00
	CHECKED BY: _____		SCALE: NONE		SHEET: 1 OF 1
	APPROVED BY: _____				

CPL00002-001 Ver. A00

5

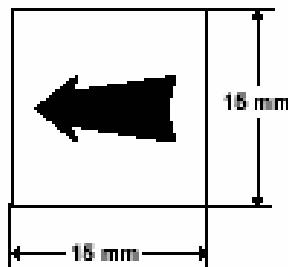
09/2006

Copyright© 2002 Main.net Communications Ltd.

The copying of this document or disclosure of the information it contains to any person who is not an employee of Main.Net communication Ltd. is strictly prohibited, unless prior written consent is obtained from Main.net communication Ltd. The information herein is Main.net Communication Ltd. intellectual property, reflects ideas and should not be used in a sales process.

CONFIDENTIAL

**Appendix B. CPL installation direction Label.**



Notes:

Material : white FASSON900 polyamide adhesive.

main.net communications	APPROVAL	DATE	TITLE			
	Approved by	Reviewed by	LABEL, CPL DIRECTION ARROW, WPOLY		REV B00	
	Initials	Initials	DATE	VER.		
	Initials	Initials	SCALE	Sheet		
			NONE	1 OF 1		