























From	To	Conductor	Color
C1.A	C3.4	CBL2.Green-Yellow	
C1.B	C3.3	CBL2.Brown	
C1.BAT_N	RT2	CBL4.Black-GND	
C1.BAT_P	C5.1	CBL4.Red-VCC	
C1.GND	C3.1	CBL2.Black	
C1.Q1_N	C6.GND	CBL6.Black-GND	
C1.Q1_P	C6.VCC	CBL6.Red-VCC	
C1.Q2_N	C7.GND	CBL5.Black-GND	
C1.Q2_P	C7.VCC	CBL5.Red-VCC	
C1.VCC	C3.2	CBL2.Blue	



From	To	Conductor	Color
C3.1	C1.GND	CBL2.Black	
C3.2	C1.VCC	CBL2.Blue	
C3.3	C1.B	CBL2.Brown	
C3.4	C1.A	CBL2.Green-Yellow	




From	To	Conductor	Color
C2.A	C4.4	CBL3.Green-Yellow	
C2.B	C4.3	CBL3.Brown	
C2.BAT_N	C4.1	CBL3.Black	
C2.BAT_P	C4.2	CBL3.Blue	

From	To	Conductor	Color
C6.GND	C1.Q1_N	CBL6.Black-GND	
C6.VCC	C1.Q1_P	CBL6.Red-VCC	

From	To	Conductor	Color
RT2	C1.BAT_N	CBL4.Black-GND	

From	To	Conductor	Color
C5.1	C1.BAT_P	CBL4.Red-VCC	
C5.2	RT1	W1.Red	

From	To	Conductor	Color
C7.GND	C1.Q2_N	CBL5.Black-GND	
C7.VCC	C1.Q2_P	CBL5.Red-VCC	

From	To	Conductor	Color
C4.1	C2.BAT_N	CBL3.Black	
C4.2	C2.BAT_P	CBL3.Blue	
C4.3	C2.B	CBL3.Brown	
C4.4	C2.A	CBL3.Green-Yellow	

Title:	----
Part Number:	Chicote Orbi
Description:	



Rev.	Date	Author	Description
1	17/07/2025	Engenharia Vygora	

Title:	----
Part Number:	Chicote Orbi
Description:	


















Flag	Quantity	Note







Title:	----
Part Number:	Chicote Orbi
Description:	

Id	Type	Manufacturer	Part Number	Description	Quantity	Usage
1	Connector	Vygora	Orbi		1	C1
2	Connector		Orbi_IHM		1	C2
3	Cable		VCC		0 in	CBL1
5	Connector		SP21 Female		1	C3
6	Connector	WEIPU	SP2110/P4I-1N	Conn Plug Male 4P Solder	1	C4
8	Ring Terminal		BAT+		1	RT1
9	Ring Terminal		BAT-		1	RT2
10	Connector		BeltMotor		1	C6
11	Connector		PlateMotor		1	C7
12	Cable		Orbi_IHM			CBL2, CBL3
13	Cable		Power		≥ 0 in	CBL4, CBL5, CBL6
14	Wire		BAT+			W1
15	Connector	Cooper Bussmann	BK/ATC-40	Fuse Blade Fast Acting 40A 32V Socket 19.3 X 5.25 X 12.5mm Carton Automotive	1	C5

Title:	----
Part Number:	Chicote Orbi
Description:	

From	To	Conductor	Conductor PN	Twisted With	Size	Length	From Contact PN	Notes
C1.A	C3.4	 CBL2.Green-Yellow	Orbi_IHM					
C1.B	C3.3	 CBL2.Brown	Orbi_IHM					
C1.BAT_N	RT2	 CBL4.Black-GND	Power					
C1.BAT_P	C5.1	 CBL4.Red-VCC	Power					
C1.GND	C3.1	 CBL2.Black	Orbi_IHM					
C1.Q1_N	C6.GND	 CBL6.Black-GND	Power					
C1.Q1_P	C6.VCC	 CBL6.Red-VCC	Power					
C1.Q2_N	C7.GND	 CBL5.Black-GND	Power					
C1.Q2_P	C7.VCC	 CBL5.Red-VCC	Power					
C1.VCC	C3.2	 CBL2.Blue	Orbi_IHM					
C2.A	C4.4	 CBL3.Green-Yellow	Orbi_IHM					
C2.B	C4.3	 CBL3.Brown	Orbi_IHM					
C2.BAT_N	C4.1	 CBL3.Black	Orbi_IHM					
C2.BAT_P	C4.2	 CBL3.Blue	Orbi_IHM					
C5.2	RT1	 W1.Red	BAT +					

Title:	----
Part Number:	Chicote Orbi
Description:	

#	Type	Reference Designator	Manufacturer	Part Number	Color	Size	From Strip	To Strip	Length	Twisted With	Notes
1	Cable	CBL2		Orbi_IHM	 Blue						
2	Cable	CBL3		Orbi_IHM	 Blue						
3	Cable	CBL4		Power	 Blue				≥ 0 in		
4	Cable	CBL5		Power	 Blue						
5	Cable	CBL6		Power	 Blue						
6	Wire	W1		BAT+	 Red						

Title:	----
Part Number:	Chicote Orbi
Description:	



#	Manufacturer	Part Number	Description	Label Text