

Standard **Cable**Assembly



Englisch Version

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Markets

- Industrial automation
- Machine building
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Standard CableAssembly

- Assemblies for established Amphenol product families – eco | mate, C16-3, C091...
- Variation of termination technologies – crimping, screwing and soldering
- Different styles of cable assemblies – pigtails and connection cables
- Wide range of cable types and lengths – PVC, PUR, data lines...

Create your part number

Side 1 + “**A**” – Side 2 – Cable type – Cable length

Example:

CA016 20H003 100 12 A01015

eco | mate

style:
H – male cable connector
K – male cable connector 90°
D – female cable connector
F – female cable connector 90°



Version: 3+PE

Side 1	Side 2 (same version)	Cable type	Cable length
C016 20H003 100 12	A - Open ended	01 - PVC 4G2,5	015 - 1,5m
C016 20K003 100 12	B - Connection cable with male cable connector	02 - PVC 4G2,5 UL/CSA	030 - 3,0m
C016 20D003 100 12	C - Connection cable with female cable connector	03 - PUR 4G2,5	050 - 5,0m
C016 20F003 100 12	D - Connection cable with male cable connector 90°	04 - PUR 4G2,5 UL/CSA	075 - 7,5m
	E - Connection cable with female cable connector 90°	05 - PVC 4G1,5	
		06 - PVC 4G1,5 UL/CSA	
		07 - PUR 4G1,5	
		08 - PUR 4G1,5 UL/CSA	

style:
C – male receptacle
G – female receptacle

Side 1	Side 2 (same version)	Cable type	Cable length
C016 20C003 100 12	A - Open ended	AA - wires PVC 4x2,5	005 - 0,5m
C016 20G003 100 12		AB - wires PVC 4G2,5 UL/CSA	
		AC - wires PVC 4G1,5	
		AD - wires PVC 4G1,5 UL/CSA	

Version 6+PE

Side 1	Side 2 (same version)	Cable type	Cable length
C016 10H006 100 12	A - Open ended	09 - PVC 7G1,5	015 - 1,5m
C016 10K006 100 12	B - Connection cable with male cable connector	10 - PVC 7G1,5 UL/CSA	030 - 3,0m
C016 10D006 100 12	C - Connection cable with female cable connector	11 - PUR 7G1,5	050 - 5,0m
C016 10F006 100 12	D - Connection cable with male cable connector 90°	12 - PUR 7G1,5 UL/CSA	075 - 7,5m
	E - Connection cable with female cable connector 90°	13 - PVC 7G1,0	
		14 - PVC 7G1,0 UL/CSA	
		15 - PUR 7G1,0	
		16 - PUR 7G1,0 UL/CSA	

Side 1	Side 2 (same version)	Cable type	Cable length
C016 10C006 100 12	A - Open ended	AE - wires PVC 7G1,5	005 - 0,5m
C016 10G006 100 12		AF - wires PVC 7G1,5 UL/CSA	
		AG - wires PVC 7G1,0	
		AH - wires PVC 7G1,0 UL/CSA	

C|16-3

style **H – male cable connector**
 K – male cable connector 90°
 D – female cable connector
 F – female cable connector 90°



Version: 8+PE

Side 1	Side 2 (same version)	Cable type	Cable length
C016 10H008 103 1	A - Open ended	17 - PVC 9G1,5	015 - 1,5m
C016 10K008 103 1	B - Connection cable with male cable connector	18 - PVC 9G1,5 UL/CSA	030 - 3,0m
C016 10D008 103 1	C - Connection cable with female cable connector	19 - PUR 7G1,5	050 - 5,0m
C016 10F008 103 1	D - Connection cable with male cable connector 90°	20 - PUR 7G1,5 UL/CSA	075 - 7,5m
	E - Connection cable with female cable connector 90°		

style: **C – male receptacle**
 G – female receptacle

Side 1	Side 2 (same version)	Cable type	Cable length
C016 10C008 100 1	A - Open ended	AK - wires PVC 9G1,5	005 - 0,5m
C016 10G008 100 1		AL - wires PVC 9G1,5 UL/CSA	
		AM - wires PVC 7G1,5	
		AN - wires PVC 7G1,5 UL/CSA	

C|091D

style: **H – male cable connector**
 K – male cable connector 90°
 D – female cable connector
 F – female cable connector 90°



Version: 3 pin

Side 1	Side 2 (same version)	Cable type	Cable length
C091 31H003 100 2	A - Open ended	21 - PVC 3x0,5	015 - 1,5m
C091 31K003 100 2	B - Connection cable with male cable connector	22 - PVC 3x0,34 UL/CSA	030 - 3,0m
C091 31D003 100 2	C - Connection cable with female cable connector	23 - PUR 3x0,5	050 - 5,0m
C091 31F003 100 2	D - Connection cable with male cable connector 90°		075 - 7,5m
	E - Connection cable with female cable connector 90°		

Side 1	Side 2 (same version)	Cable type	Cable length
C091 31H003 101 2	A - Open ended	24 - PVC 3x0,5 shielded	015 - 1,5m
C091 31K003 101 2	B - Connection cable with male cable connector	25 - PVC 3x0,5 UL/CSA shielded	030 - 3,0m
C091 31D003 101 2	C - Connection cable with female cable connector	26 - PUR 3x0,5 shielded	050 - 5,0m
C091 31F003 101 2	D - Connection cable with male cable connector 90°		075 - 7,5m
	E - Connection cable with female cable connector 90°		

style: **C – male receptacle**
 G – female receptacle

Side 1	Side 2 (same version)	Cable type	Cable length
C091 31C003 100 2	A - Open ended	AO - Wires PVC 3x0,5	005 - 0,5 m
C091 31G003 100 2		AP - wires PVC 3x0,5 UL/CSA	

Version: 5 pin

Side 1	Side 2 (same version)	Cable type	Cable length
C091 31H005 101 2	A - Open ended	27 - PVC 5x0,5	015 - 1,5m
C091 31K005 101 2	B - Connection cable with male cable connector	28 - PVC 5x0,34 UL/CSA	030 - 3,0m
C091 31D005 101 2	C - Connection cable with female cable connector	29 - PUR 5x0,5	050 - 5,0m
C091 31F005 101 2	D - Connection cable with male cable connector 90°		075 - 7,5m
	E - Connection cable with female cable connector 90°		

Side 1	Side 2 (same version)	Cable type	Cable length
C091 31H005 101 2	A - Open ended	30 - PVC 5x0,5 shielded	015 - 1,5m
C091 31K005 101 2	B - Connection cable with male cable connector	31 - PVC 5x0,5 UL/CSA shielded	030 - 3,0m
C091 31D005 101 2	C - Connection cable with female cable connector	32 - PUR 5x0,5 shielded	050 - 5,0m
C091 31F005 101 2	D - Connection cable with male cable connector 90°		075 - 7,5m
	E - Connection cable with female cable connector 90°		

Side 1	Side 2 (same version)	Cable type	Cable length
C091 31C005 100 2	A - Open ended	AQ - wires PVC 5x0,5	005 - 0,5m
C091 31G005 100 2		AR - wires PVC 5x0,5 UL/CSA	

Version: 8 pin

Side 1	Side 2 (same version)	Cable type	Cable length
C091 31H008 101 2	A - Open ended	33 - PVC 8xAWG26 Cat. 5e UL/CSA shielded	015 - 1,5m
C091 31K008 101 2	B - Connection cable with male cable connector	34 - PUR 8xAWG26 Cat. 5e UL/CSA shielded	030 - 3,0m
C091 31D008 101 2	C - Connection cable with female cable connector		050 - 5,0m
C091 31F008 101 2	D - Connection cable with male cable connector 90°		075 - 7,5m
	E - Connection cable with female cable connector 90°		

Side 1	Side 2 (same version)	Cable type	Cable length
C091 31C008 100 2	A - Open ended	AS - wires PVC 8x0,5	005 - 0,5m
C091 31G008 100 2		AT - wires PVC 8x0,5 UL/CSA	

Overview cables

no. of wires / wire gauge	cable jacket	color of jacket	wire isolation	wire appearance	max. outer-Ø in mm	voltage	temp. range (fixed)	temp. range (mobile)	cable type no.
3x0,34	PVC UL/CSA	grey	PVC	wh, bn, gn	5,5	300V	-40...+80°C	-5...+70°C	22
3x0,5	PVC	grey	PVC	bl, num, gnye	5,6	U0 / U - 300V / 500V	-40...+80°C	-5...+70°C	21
3x0,5	PUR	grey	PVC	bl, num	5,6	U0 / U - 300V / 500V	-40...+80°C	-5...+70°C	23
3x0,5 shielded	PVC	grey	PVC	bl, num	6,6	U0 / U - 300V / 500V	-40...+80°C	-5...+70°C	24
3x0,5 shielded	PVC UL/CSA	grey	PVC	wh, bn, gn	6,8	300V	-40...+80°C	-5...+70°C	25
3x0,5 shielded	PUR	grey	PVC	bl, num	6,6	U0 / U - 300V / 500V	-40...+80°C	-5...+70°C	26
4G1,5	PVC	grey	PVC	bl, num, gnye	7,7	U0 / U - 300V / 500V	-40...+80°C	-5...+70°C	05
4G1,5	PVC UL/CSA	grey	PVC	bl, num, gnye	8,7	UL/CSA 600V	-40...+90°C	-5...+90°C	06
4G1,5	PUR	grey	PVC	bl, num, gnye	7,7	U0 / U - 300V / 500V	-40...+80°C	-5...+70°C	07
4G1,5	PUR UL/CSA	black	PVC	bl, num, gnye	9,5	UL/CSA 600V	-40...+80°C	-5...+80°C	08
4G2,5	PVC	grey	PVC	bl, num, gnye	9,4	U0 / U - 300V / 500V	-40...+80°C	-5...+70°C	01
4G2,5	PVC UL/CSA	grey	PVC	bl, num, gnye	9,6	UL/CSA 600V	-40...+90°C	-5...+90°C	02
4G2,5	PUR	grey	PVC	bl, num, gnye	9,4	U0 / U - 300V / 500V	-40...+80°C	-5...+70°C	03
4G2,5	PUR UL/CSA	black	PVC	bl, num, gnye	10,4	UL/CSA 600V	-40...+80°C	-5...+80°C	04
4x2xAWG26	PUR UL	blue	PE	SF/UTP	6,6	Cat. 5e	-40...+60°C	-5...+60°C	34
4x2xAWG26	PVC UL/CSA	blue	PE	SF/UTP	6,9	Cat. 5e	-40...+60°C	-5...+60°C	33
5x0,34	PVC UL/CSA	grey	PVC	wh, bn, gn, ye, gy	6,4	300V	-40...+80°C	-5...+70°C	28
5x0,5	PVC	grey	PVC	bl, num	6,7	U0 / U - 300V / 500V	-40...+80°C	-5...+70°C	27
5x0,5	PUR	grey	PVC	bl, num	6,7	U0 / U - 300V / 500V	-40...+80°C	-5...+70°C	29
5x0,5 shielded	PVC	grey	PVC	bl, num	7,5	U0 / U - 300V / 500V	-40...+80°C	-5...+70°C	30
5x0,5 shielded	PVC UL/CSA	grey	PVC	wh, bn, gn, ye, gy	7,8	300V	-40...+80°C	-5...+70°C	31
5x0,5 shielded	PUR	grey	PVC	bl, num	7,5	U0 / U - 300V / 500V	-40...+80°C	-5...+70°C	32
7G1	PVC	grey	PVC	bl, num, gnye	8,5	U0 / U - 300V / 500V	-40...+80°C	-5...+70°C	13
7G1	PVC UL/CSA	grey	PVC	bl, num, gnye	10,5	UL/CSA 600V	-40...+90°C	-5...+90°C	14
7G1	PUR	grey	PVC	bl, num, gnye	8,5	U0 / U - 300V / 500V	-40...+80°C	-5...+70°C	15
7G1	PUR UL/CSA	grey	PVC	bl, num, gnye	10,2	UL/CSA 600V	-40...+80°C	-5...+80°C	16
7G1,5	PVC	grey	PVC	bl, num, gnye	9,4	U0 / U - 300V / 500V	-40...+80°C	-5...+70°C	09
7G1,5	PVC UL/CSA	grey	PVC	bl, num, gnye	9,4	UL/CSA 600V	-40...+90°C	-5...+90°C	10
7G1,5	PUR	grey	PVC	bl, num, gnye	9,4	U0 / U - 300V / 500V	-40...+80°C	-5...+70°C	11
7G1,5	PUR UL/CSA	grey	PVC	bl, num, gnye	11,2	UL/CSA 600V	-40...+80°C	-5...+80°C	12
7G1,5	PUR	grey	PVC	bl, num, gnye	9,4	U0 / U - 300V / 500V	-40...+80°C	-5...+70°C	19
7G1,5	PUR UL/CSA	grey	PVC	bl, num, gnye	11,2	UL/CSA 600V	-40...+80°C	-5...+80°C	20
9G1,5	PVC	grey	PVC	bl, num, gnye	11,9	U0 / U - 300V / 500V	-40...+80°C	-5...+70°C	17
9G1,5	PVC UL/CSA	grey	PVC	bl, num, gnye	13,1	UL/CSA 600V	-40...+90°C	-5...+90°C	18

Single wires

wire gauge in mm ²	wire isolation	color-coding	voltage	temp.range (fixed)
0,5	PVC	DIN 47100	U0 / U - 300V / 500V	-30...+80°C
0,5 - wires tinned	PVC UL/CSA	DIN 47100	UL / CSA 600V	-40...+90°C
1	PVC	DIN 47100	U0 / U - 300V / 500V	-30...+80°C
1 - wires tinned	PVC UL/CSA	DIN 47100	UL / CSA 600V	-40...+90°C
1,5	PVC	DIN 47100	U0 / U - 450V / 750V	-30...+80°C
1,5 - wires tinned	PVC UL/CSA	DIN 47100	UL / CSA 600V	-40...+90°C
2,5	PVC	DIN 47100	U0 / U - 450V / 750V	-30...+80°C
2,5 - wires tinned	PVC UL/CSA	DIN 47100	UL / CSA 600V	-40...+90°C