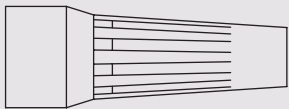


ACCESSORIES

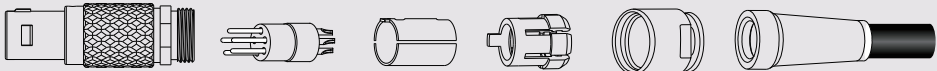
Bend relief



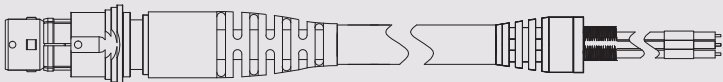
Caps



Assembly Instructions

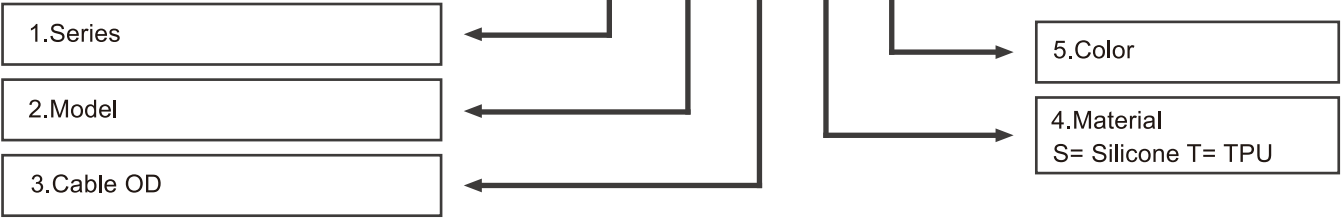


Cable Assemblies



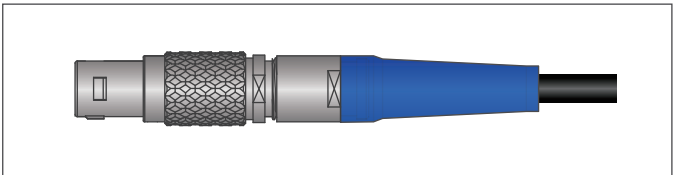
Bend relief

Part Numbering System



Material: Silicone
Temperature range in dry air environment: -60°C~+200°C

Size	Dimensions(mm)		
	L	ØD	ØA
00	20	6	See below table
0	24	8	
1	30	10.5	
2	37	14	
3	42.2	17	

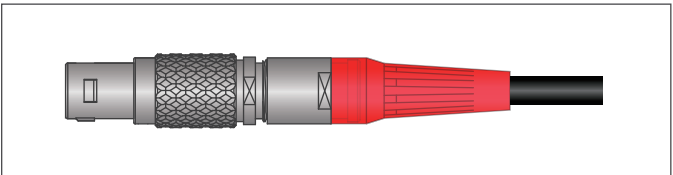


Code	N	G	A	V
Color	Black	Gray	Blue	Green

Code	ØA	Cable OD(mm)	Series				
			00B-00S 00Y	0B-0K-0S-0F 0P-0M-0Y	1B-1K-1S 1F-1P-1M-1Y	2B-2K-2S 2F-2P-2Y	3B-3K-3S 3F-3P-3Y
20	2.0	1.8-2.5	●		●		
28	2.8	2.6-3.3			●		
30	3.0	2.8-3.5	●	●			
38	3.8	3.6-4.3			●		
40	4.0	3.8-4.5		●			
45	4.5	4.3-5.0		●		●	●
48	4.8	4.3-5.3		●	●		
55	5.5	5.0-6.0				●	●
58	5.8	5.3-6.3			●		
65	6.5	6.0-7.0				●	●
67	6.7	6.2-7.2			●		
75	7.5	7.0-8.0				●	●
85	8.5	8.0-9.0				●	●
95	9.5	9.0-10.0				●	●
105	10.5	10.0-11.0					●

Material: TPU
Temperature range in dry air environment: -40°C~+120°C

Size	Dimensions(mm)		
	L	ØD	ØA
0	24	8.8	See below table
1	30	10.9	
2	36	14.3	
3	42	16.8	



Code	N	G	A	R	J	V
Color	Black	Gray	Blue	Red	Yellow	Green

Code	ØA	Cable OD(mm)	Series			
			0B-0K-0S-0F 0P-0M-0D	1B-1K-1S-1F 1P-1M-1Y	2B-2K-2S 2F-2P-2Y	3B-3K 3S-3F
30	3.0	2.6-3.2		●		
35	3.5	3.1-3.7	●			
40	4.0	3.6-4.2	●	●	●	
50	5.0	4.6-5.2	●	●	●	●
60	6.0	5.6-6.2		●	●	●
65	6.5	6.1-6.7		●		
70	7.0	6.8-7.7		●	●	●
80	8.0	7.8-8.0			●	●
90	9.0	8.1-9.2			●	●
95	9.5	9.1-9.7			●	
10	10.0	9.6-10.2				●
11	11.0	10.1-11.2				●

Caps



Part Numbering System

1.Series

2.Model

3.Alignment Key
Blank if without key

4. Housing Material
C= Chrome Plated Brass
K= Black Chrome Plated Brass
P= Plastic
X= Rubber

OB C1 G C 04 PA
OB C2 C C 03 PA

6. Lanyard Material
SS=Stainless steel (Silver)
SC=Stainless steel bead chain (Silver)
PA=Polyamide
RB=Rubber
BS=Black stainless steel

5. Fixed Method
00=Key Ring
01=Loop
02=Solder Lug
03=Earthing washer
04=Polyamide
05=One-piece

PART NUMBER EXAMPLE:

Plug caps:

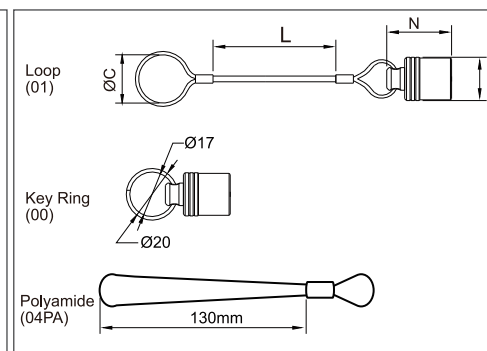
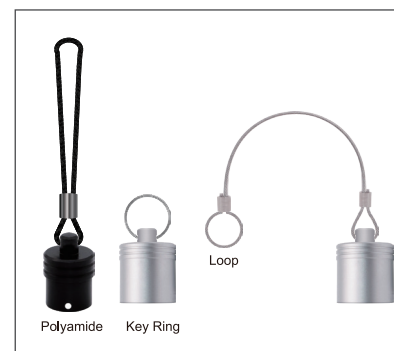
1BC1GC00= 1B plug cap with key(G), shell in chrome plated brass, with key ring

Socket caps:

2KC2C01SS=2K socket cap without key, shell in chrome plated brass, stainless steel lanyard

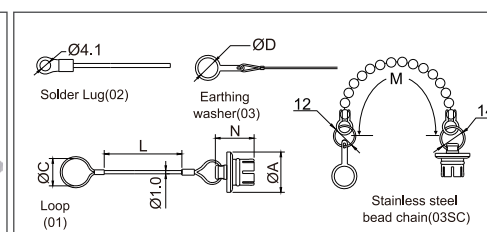
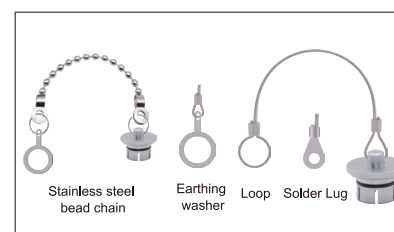
Caps Model

C1 PLUG CAPS ASSEMBLED ON PLUG, WITH KEY



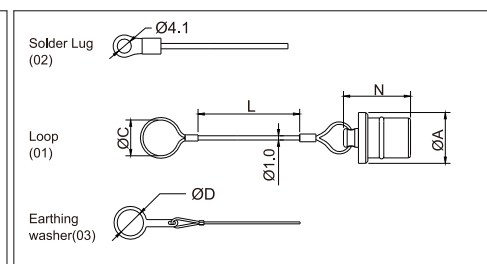
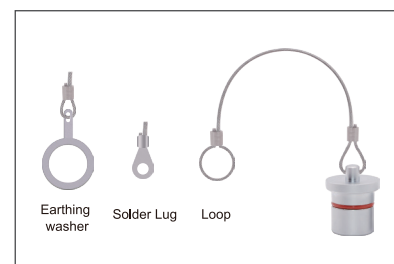
Series	Dimensions(mm)				
	L	N	A	B/F Series	S Series
0B-0F-0S	65	17	10	8	7
1B-1F-1S	75	17	12	10	9
2B-2F-2S	80	18	15	13	12
3B-3F	95	23	19		16
0K	60	19	13		11
1K	65	23.5	16		13
2K	70	24	19		16
3K	80	27	23		19

C2 SOCKET CAPS ASSEMBLED ON SOCKET OR PANEL, WITHOUT KEY



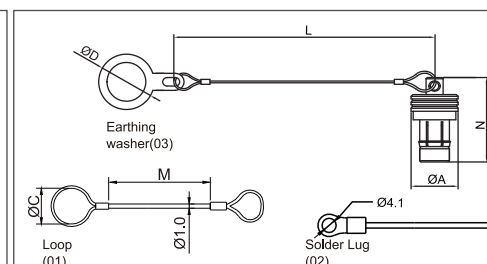
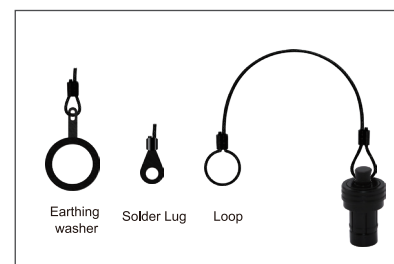
Series	Dimensions(mm)					
	L	N	A	D	C	M
0B-0S	80	17	10	10	9	80
1B-1S	80	17	12	12	12	80
2B-2S	80	14.5	18	18	15	80
3B-3S	100	18	20	20	18	100

C2 SOCKET CAPS ASSEMBLED ON SOCKET OR PANEL, WITHOUT KEY



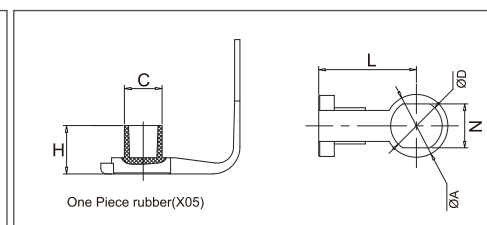
Series	Dimensions(mm)				
	L	N	A	D	C
0K	80	18	13	14	14
1K	80	23.6	16	16	16
2K	80	24.6	19	20	20
3K	100	33	22.5	24	24

C3 SOCKET SELF-LOCKING CAPS ASSEMBLED ON SOCKET OR PANEL, WITHOUT KEY



Series	Dimensions(mm)				
	L	N	A	D	C
0B-0F-0S 0C-0U	75	19.8	11	14	14

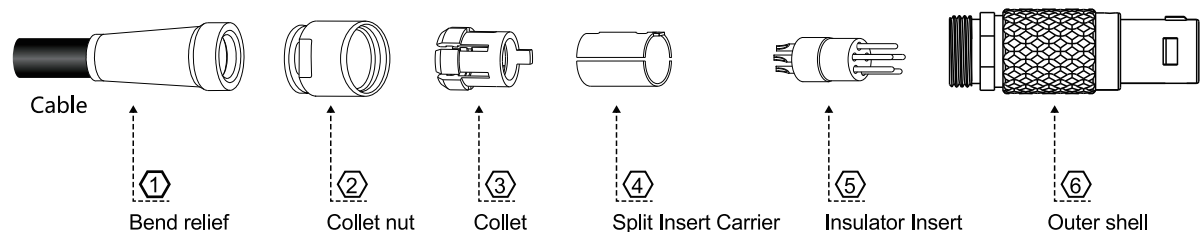
J2 SCOKET CAPS ASSEMBLED ON SOCKET



Series	Dimensions(mm)					
	L	N	A	D	C	H
0B-0C-0U	18.9	8.5	12.2	10.5	7	9
1B-1C-1U	21	12.5	19	15	9	10
2B	22	13.8	20.2	15.3	12	10

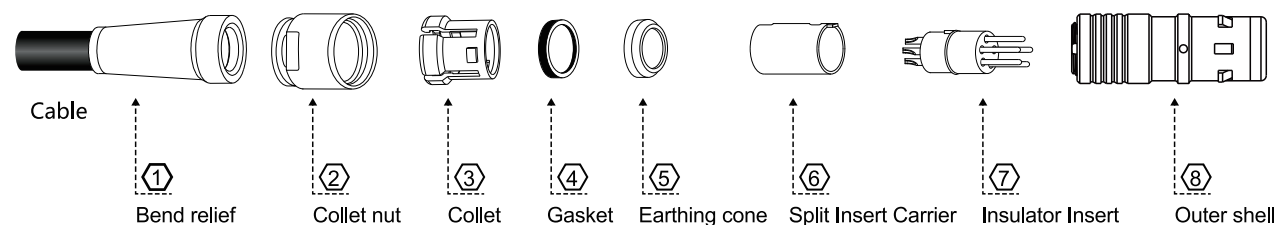
ASSEMBLY INSTRUCTIONS

B series straight plug



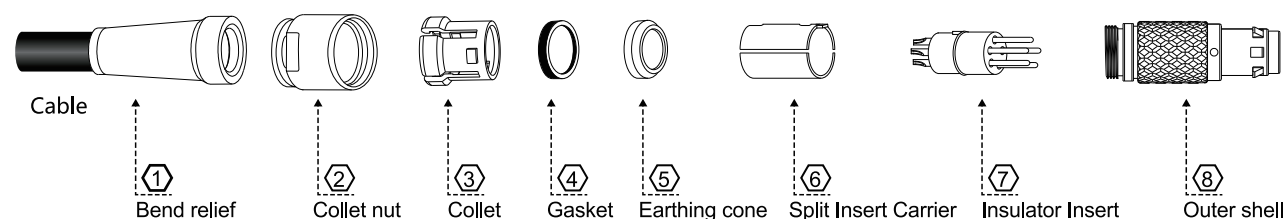
1. Get the cable through bend relief ①, collet nut ② and collet ③ in order, then solder it onto the insulator insert ⑤ orderly.
2. Put the split insert carrier ④ onto the soldered insulator insert ⑤, assure that the slot of split insert carrier ④ mount on the lug of insulator insert ⑤.
3. Put the collet ③ on the right position of cable, make sure the lug of collet ③ mount on the slot of split insert carrier ④.
4. Push the insulator insert ⑤ split insert carrier ④ and collet ③ into the outer shell ⑥ in order, make sure the slot of split insert carrier ⑥ mount on the slot of outer shell ④.
5. Screw the collet nut ② onto the outer shell ⑥ tightly.
6. Slide the bend relief ① onto the corresponding step of collet nut ②.

K series straight plug



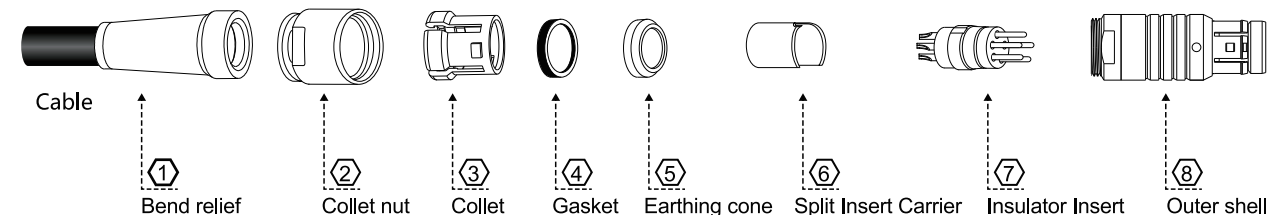
1. Get the cable through bend relief ①, collet nut ②, collet ③, gasket ④, and earthing cone ⑤, in order, then solder it to the insulator insert ⑦ orderly.
2. Put the split insert carrier ⑥ onto the insulator insert ⑦, make sure the slot of split insert carrier ⑥ mount on the slot of insulator insert ⑦, then push the earthing cone ⑤, gasket ④ and collet ③ to the right position, assure the cable sheath insert to the earthing cone ⑤.
3. Slide the assembled insulator insert ⑦ into the outer shell ⑧, make sure the slot of split insert carrier ⑥ mount on the slot of outer shell ⑧.
4. Screw the collet nut ② onto the outer shell ⑧ tightly.
5. Slide the bend relief ① to the collet nut ②.

M series straight plug



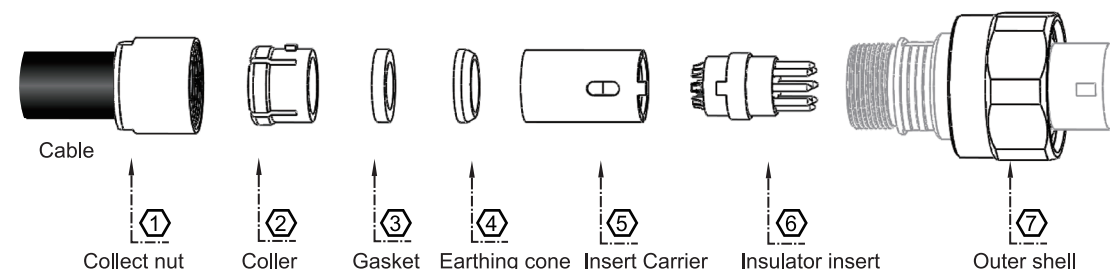
1. Get the cable through bend relief ①, collet nut ②, collet ③, gasket ④, and earthing cone ⑤, in order, then solder it to the insulator insert ⑦ orderly.
2. Put the split insert carrier ⑥ onto the insulator insert ⑦, make sure the slot of split insert carrier ⑥ mount on the slot of insulator insert ⑦, then push the earthing cone ⑤, gasket ④ and collet ③ to the right position, assure the cable sheath insert to the earthing cone ⑤.
3. Slide the assembled insulator insert ⑦ into the outer shell ⑧, make sure the slot of split insert carrier ⑥ mount on the slot of outer shell ⑧.
4. Screw the collet nut ② onto the outer shell ⑧ tightly.
5. Slide the bend relief ① to the collet nut ②.

Y series straight plug



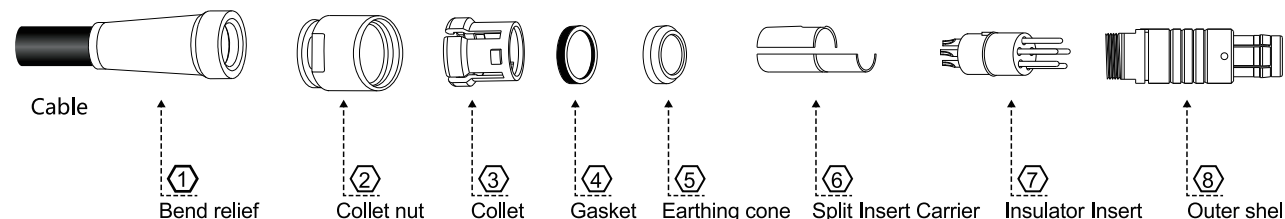
1. Get the cable through bend relief ①, collet nut ②, collet ③, gasket ④, and earthing cone ⑤, in order, then solder it to the insulator insert ⑦ orderly.
2. Put the split insert carrier ⑥ onto the insulator insert ⑦, make sure the slot of split insert carrier ⑥ mount on the slot of insulator insert ⑦, then push the earthing cone ⑤, gasket ④ and collet ③ to the right position, assure the cable sheath insert to the earthing cone ⑤.
3. Slide the assembled insulator insert ⑦ into the outer shell ⑧, make sure the slot of split insert carrier ⑥ mount on the slot of outer shell ⑧.
4. Screw the collet nut ② onto the outer shell ⑧ tightly.
5. Slide the bend relief ① to the collet nut ②.

W series straight plug



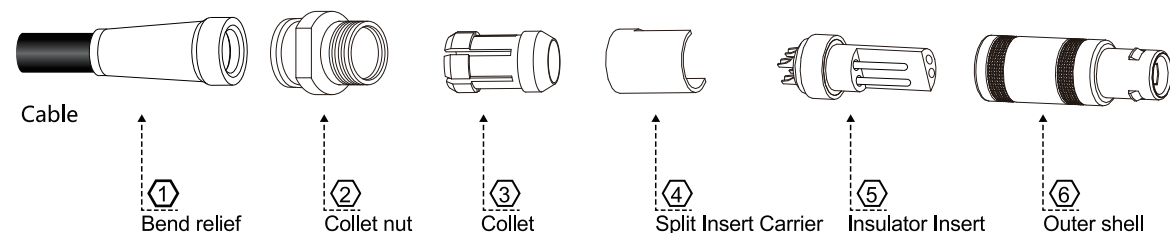
1. Get the cable through bend relief ①, collet nut ②, gasket ③, earthing cone ④ in order, then solder it to the insulator insert ⑥ orderly.
2. Put the insert carrier ⑤ to the insulator insert ⑥, push earthing cone ④, gasket ③, collect ② to the right position of the cable. Ensure that the cable is fully inserted into earthing cone ④.
3. Put the assembled insulator insert ⑥ into the out shell ⑦. Please note that the bulge on insert carrier ⑤ corresponds to the groove of out shell ⑦.
4. Screw the collet nut ① to the out shell ⑦ tightly.

F series straight plug



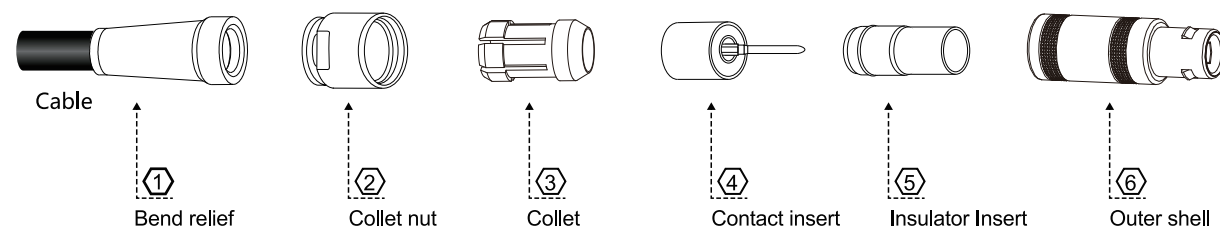
1. Get the cable through bend relief ①, collet nut ②, collet ③, gasket ④, and earthing cone ⑤, in order, then solder it to the insulator insert ⑦ orderly.
2. Put the split insert carrier ⑥ onto the insulator insert ⑦, make sure the slot of split insert carrier ⑥ mount on the slot of insulator insert ⑦, then push the earthing cone ⑤, gasket ④ and collet ③ to the right position, assure the cable sheath insert to the earthing cone ⑤.
3. Slide the assembled insulator insert ⑦ into the outer shell ⑧, make sure the slot of split insert carrier ⑥ mount on the slot of outer shell ⑧.
4. Screw the collet nut ② onto the outer shell ⑧ tightly.
5. Slide the bend relief ① to the collet nut ②.

S series straight plug



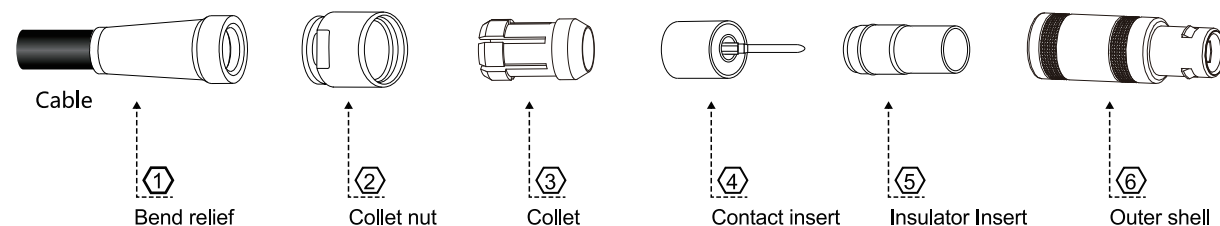
1. Get the cable through Bend relief ①, collet nut ②, collet ③, and centre-piece ④ in order, then solder it to the insulator insert ⑤ orderly.
2. Slide the centre-piece ④ to the insulator insert ⑤, make sure the slot of centre-piece ④ mount on the lug of insulator insert ⑤, then push collet ③ to the right position of cable.
3. Push the assembled collet ③, centre-piece ④ and insulator insert ⑤ into the outer shell ⑥.
4. Screw the collet nut ② onto the outer shell ⑥ tightly.
5. Slide the bend relief ① to the collet nut ②.

Coaxial straight plug



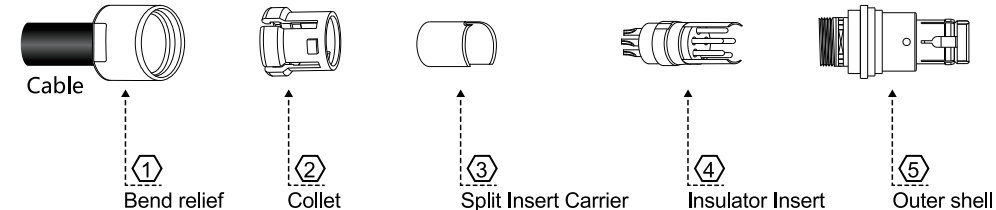
1. Get the cable through Bend relief ①, collet nut ② and collet ③ in order, then solder it to the contact insert ④ orderly.
2. Put the soldered contact insert ④ into insulator insert ⑤, put the collet ③ on the right position.
3. Put the assemble insulator insert ⑤ mount on the slot of outer shell ⑥.
4. Screw the collet nut ② onto the outer shell ⑥ tightly
5. Slide the bend relief ① onto the collet nut ②.

High Voltage Series straight plug



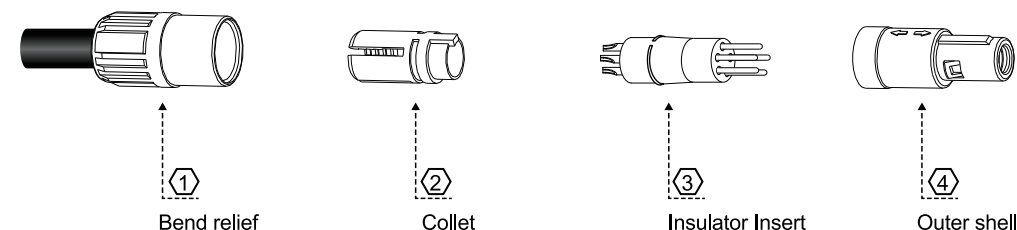
1. Get the cable through Bend relief ①, collet nut ② and collet ③ in order, then solder it to the contact insert ④ orderly.
2. Put the soldered contact insert ④ into insulator insert ⑤, put the collet ③ on the right position.
3. Put the assemble insulator insert ⑤ mount on the slot of outer shell ⑥.
4. Screw the collet nut ② onto the outer shell ⑥ tightly
5. Slide the bend relief ① onto the collet nut ②.

C/U series straight plug



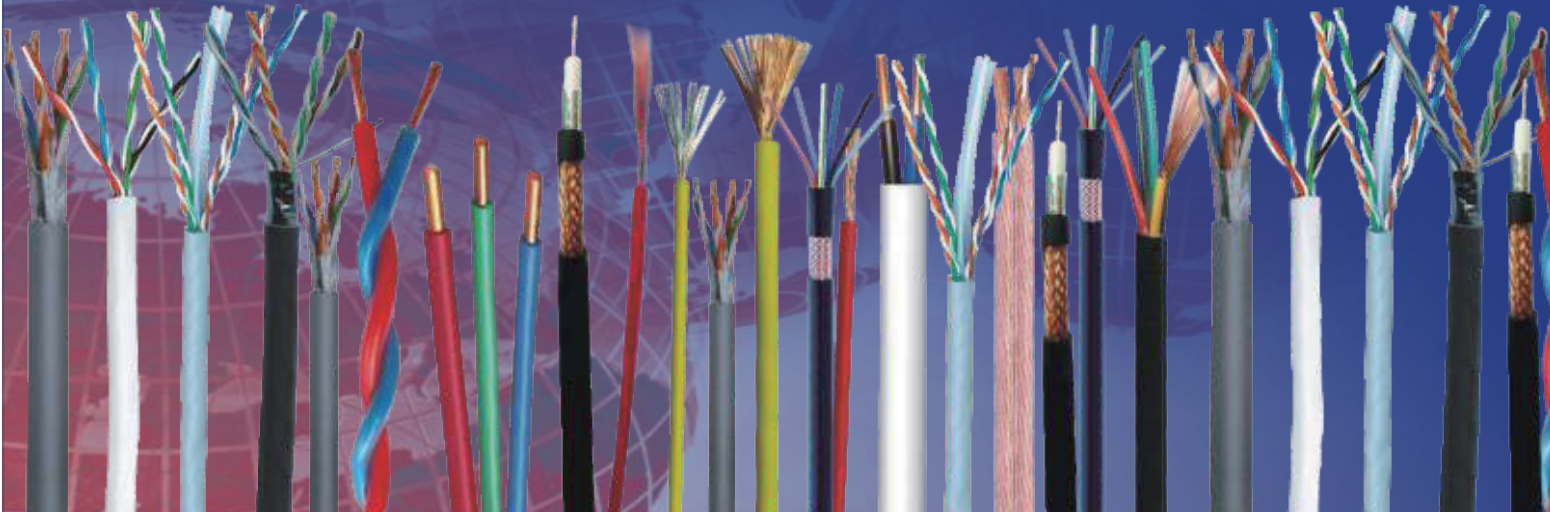
1. Get the cable through collet nut ① and collet ② in order, then solder it to the contact insert ④ orderly.
2. Put the split insert carrier ③ onto the soldered insulator insert ④, assure that the slot of split insert carrier ③ mount on the lug of insulator insert ④, put the collet ② on the right position.
3. Put the assembled insulator insert ④ mount on the slot of outer shell tightly ⑤, make sure the slot of collet ② mount on the slot of outer shell ⑤.
4. Screw the collet ① onto the outer shell tightly ⑤.

P series straight plug



1. Get the cable through collet nut ① and collet ②, then solder it to the insulator insert ③.
2. Put the collet ② onto the soldered insulator insert ③, make sure the lug of collet ② mount on the slot of insulator insert ③.
3. Slide the insulator insert ③ into the outer shell ④, make sure the lug of collet ② mount on the slot of outer shell ④.
4. Screw the collet nut ① onto the outer shell ④ tightly.

CABLE ASSEMBLIES



In order to provide one-stop service, we proudly make cable assemblies according to customers' requirements. Every cable assembly is fully inspected to ensure that it meets the requirements specified. MOCO has its own fully trained technicians to make it happen.

ACCESSORIES

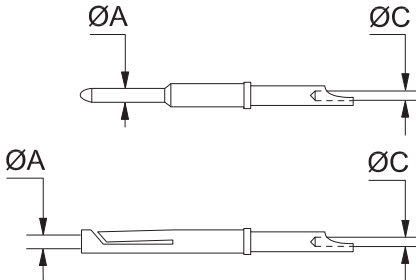
APPLICATION FIELDS

1. Military individual combat equipment cable assembly
2. Police communication system cable assembly
3. Testing and measurement cable assembly
4. Audio-video cable assembly
5. Power cable assembly
6. Medical devices cable assembly
7. Robot cable assembly
8. Automotive instruments cable assembly

CABLE TYPE

- Coaxial cable
- Video cable
- Audio cable
- Multicore cable
- PTFE cable
- PUR cable
- Silicon cable
- Computer cable
- High voltage cable
- Special composite cable
- Hybrid cable
- Coiled cable
- 5/6/7 class network cable
- Flat cable
- Cable assembly

Verify the fitting to your wire
Verify if the selected contact diameter(ØA) of the MOCO connector fits to your cable wire diameter (AWG number or max. available section)

Contact type	Contact			Conductor						Fr (N)	Note
				Solid		Stranded					
	ØA (mm)	ØC (mm)	Form per fig	AWG max	Section max. (mm²)	AWG		Section max.(mm²)			
min.						max.	min.	max.			
Solder 	0.5	0.40	-	28	0.09	-	30	-	0.05	-	●
	0.5	0.45	-	28	0.09	-	28	-	0.09	-	
	0.7	0.60	-	24	0.25	-	26	-	0.14	-	
	0.7	0.80	-	22	0.34	-	22	-0.34		-	
	0.9	0.80	-	22	0.34	-	22	-0.34		-	
	1.3	1.00	-	20	0.50	-	20	-0.50		-	
	1.6	1.40	-	16	1.00	-	18	-	1.00	-	
	2.0	1.80	-	14	1.50	-	16	-	1.50	-	
	3.0	2.70	-	10	4.00	-	12	-	4.00	-	
	4.0	3.70	-	10	6.00	-	10	-	6.00	-	
	5.0	5.20	-	-	-	-	8	-	10.00	-	
	6.0	5.20	-	-	-	-	8	-	10.00	-	
	8.0	7.00	-	-	-	-	4	-	16.00	-	
	12.0	11.50	-	-	-	-	0	-	50.00	-	



Camera power supply cable



Audio-video cable



OBD cable



OBD cable



Industrial Ethernet cable



Industrial control



Medical cable



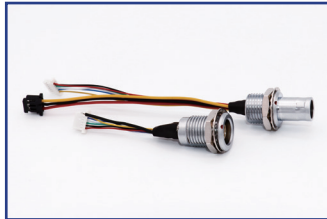
Medical cable



BNC cable



Power cable



JST wire harness



Coaxial cable



USB data cable



DC cable



TNC UT cable



Industrial cable



Military earphone cable



Military cable



Military power cord



Military Ethernet cable



Y cable
(split cable)



DB9 RS-232 cable
(split cable)



Testing cable
(split cable)



Audio cable
(split cable)

ACCESSORIES

DEVELOPMENT HISTORY

