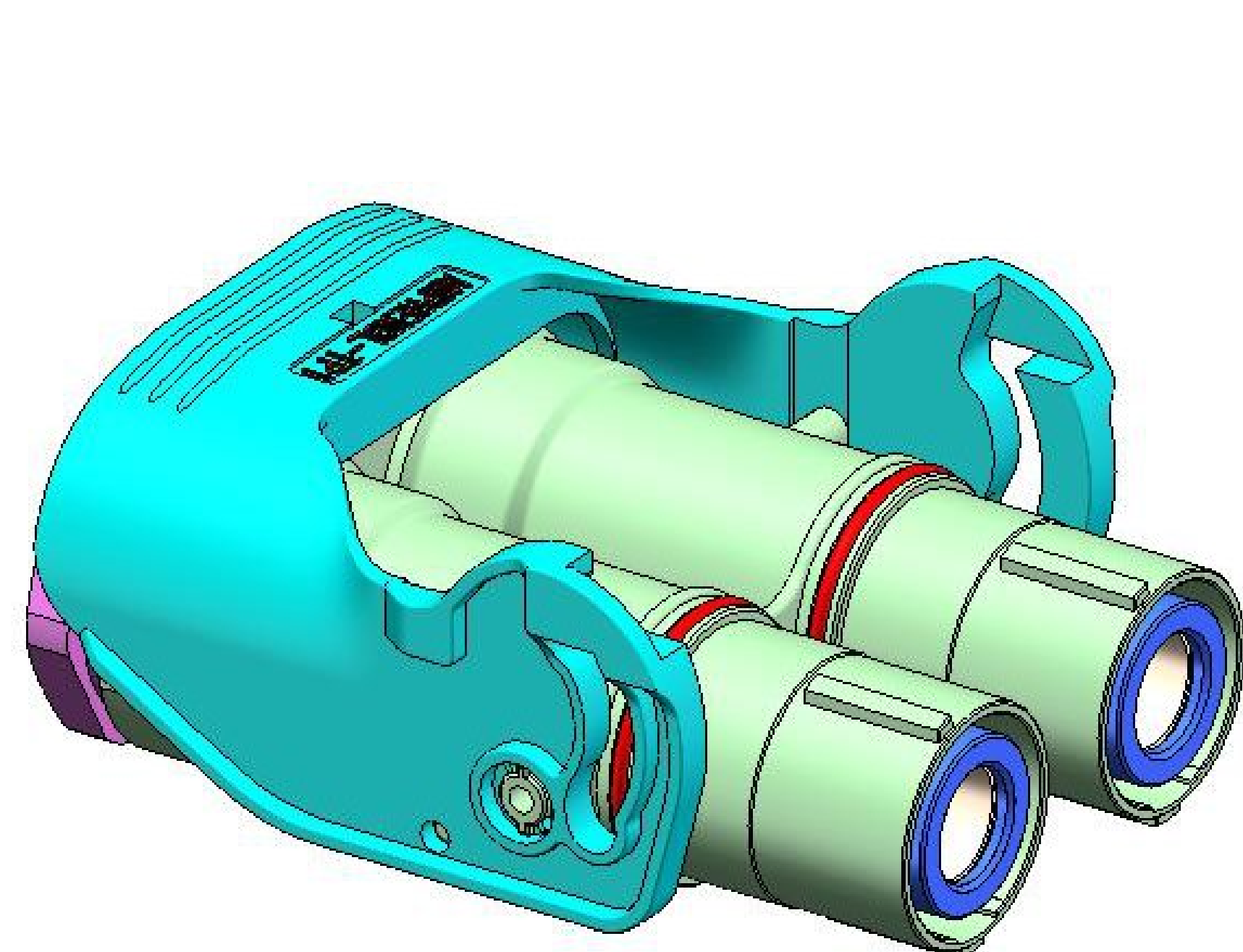
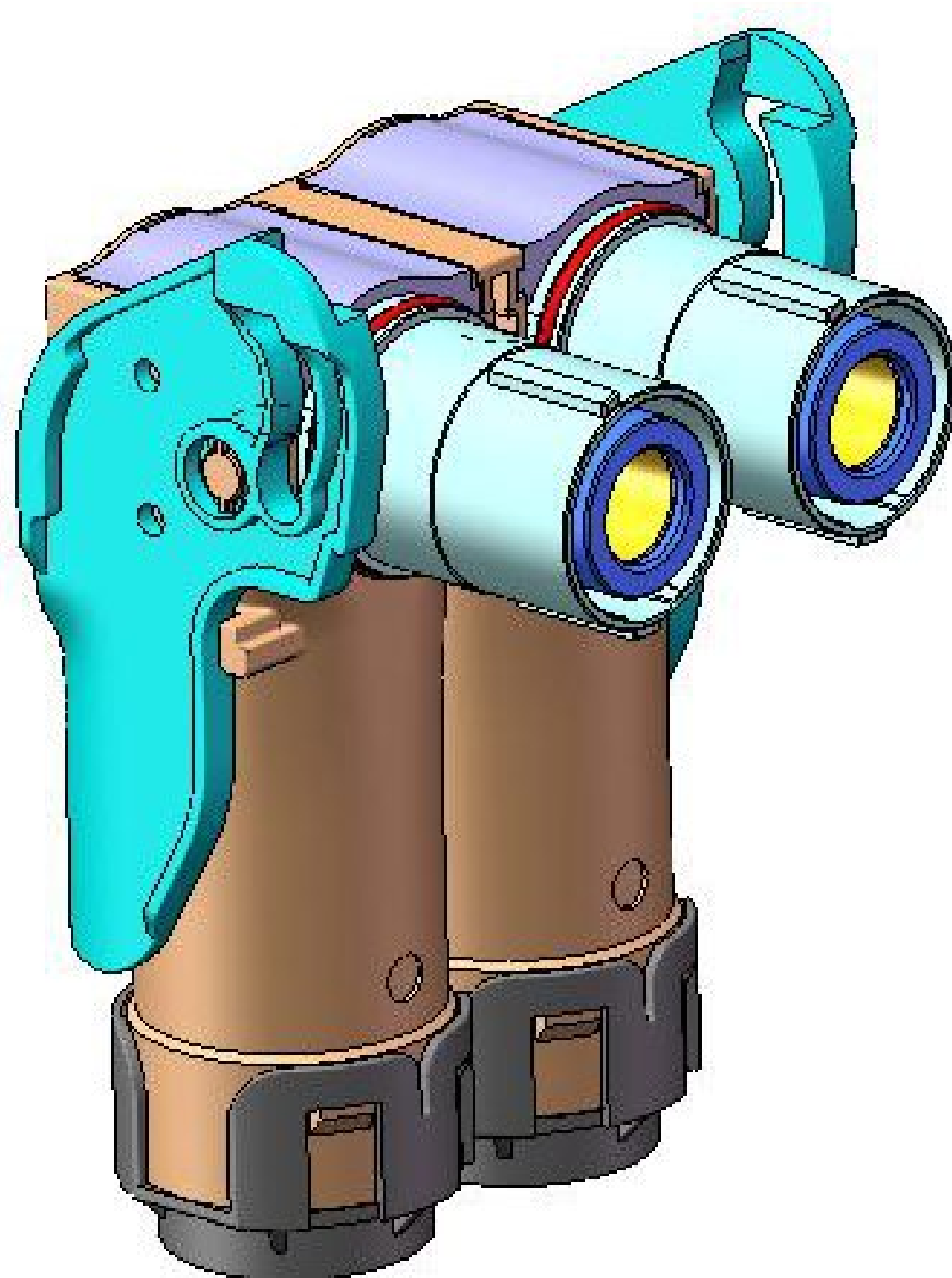


PowerLok™^ 10mm 2POS 组装式插头安装规范

10mm 2POS CABLE HARNESS ASSEMBLY REQUIREMENTS



180度插头 180D Plug



90度插头 90D Plug

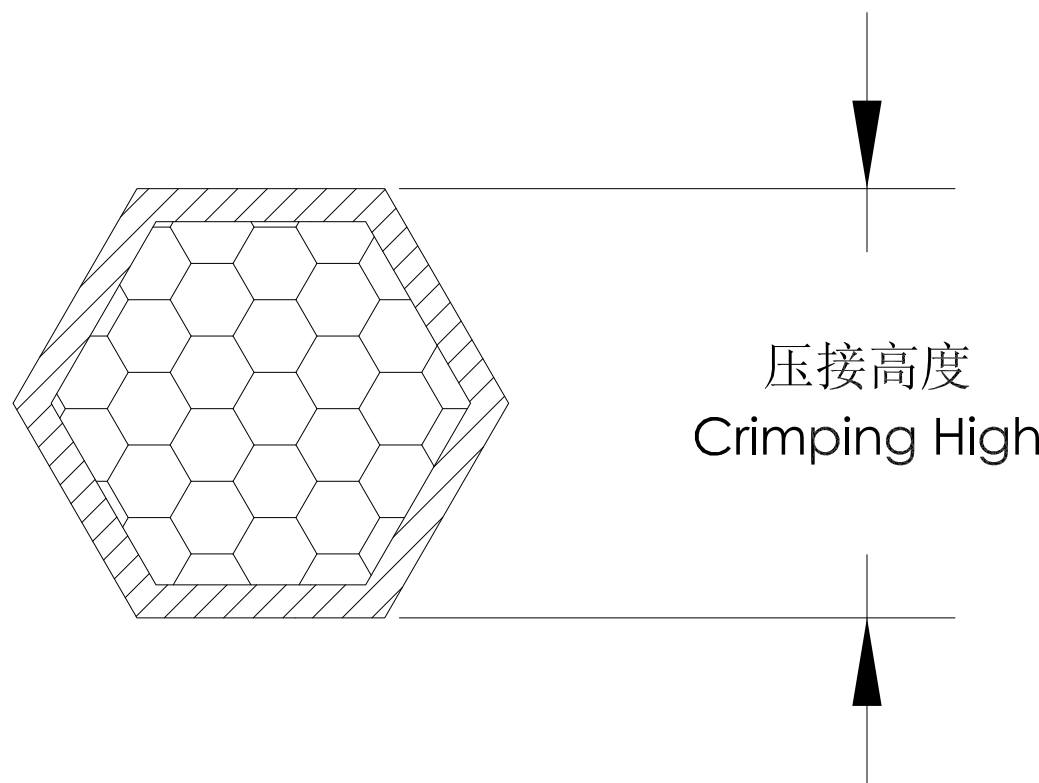
安装步骤

Installation Steps

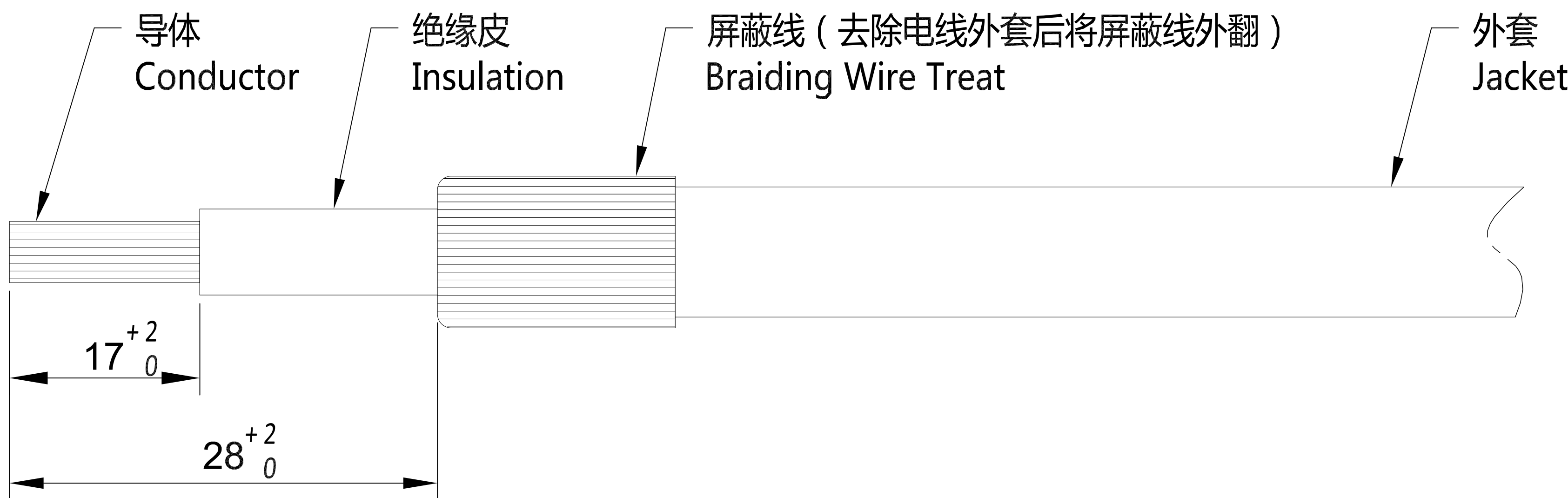
1. 根据下表要求，选择符合要求的屏蔽线缆
- Choose Required Shielding Cable According to Table below

电线压接后的拉拔力要求 Crimp Tensile Requirement

连接器系列 Connector Series	电线尺寸 Cable Size	适合电线外径 Accepted Wire OD	压接高度 Crimping High	参考抗拉拔力 Retention Force Min
300 系列 Series	35 mm ²	14.5±0.5	9.6 ⁰ _{-0.2} mm	2200 N
	50 mm ²	17.0±0.5	12.0 ⁰ _{-0.2} mm	2700 N
	70 mm ²	19.5±0.5	13.2 ⁰ _{-0.2} mm	3300 N



2. 按尺寸剥开线缆护套、屏蔽线及绝缘皮，并将屏蔽线外翻
- Choose Required Shielding Cable According to Table below

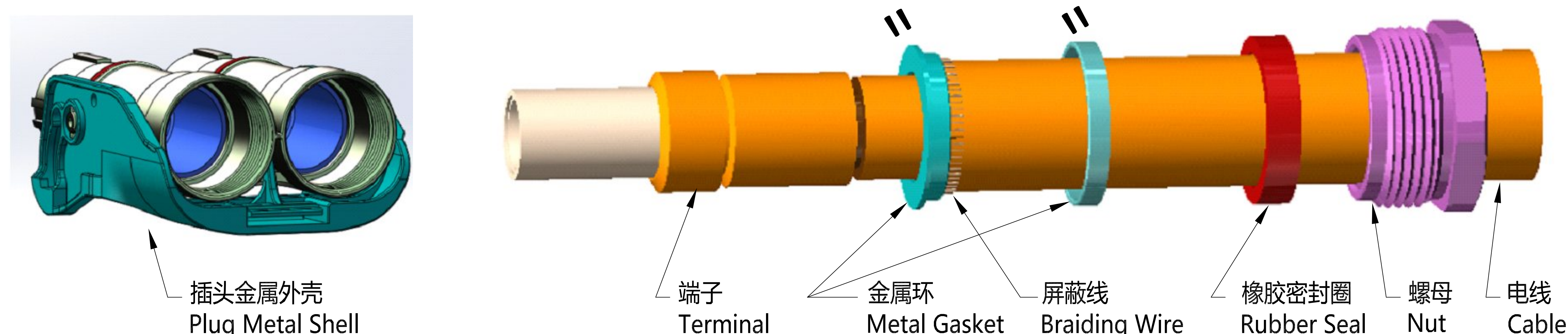


PowerLok 2POS 180D 组装式插头安装规范

PowerLok 2POS 180D Connector Assemble Specification

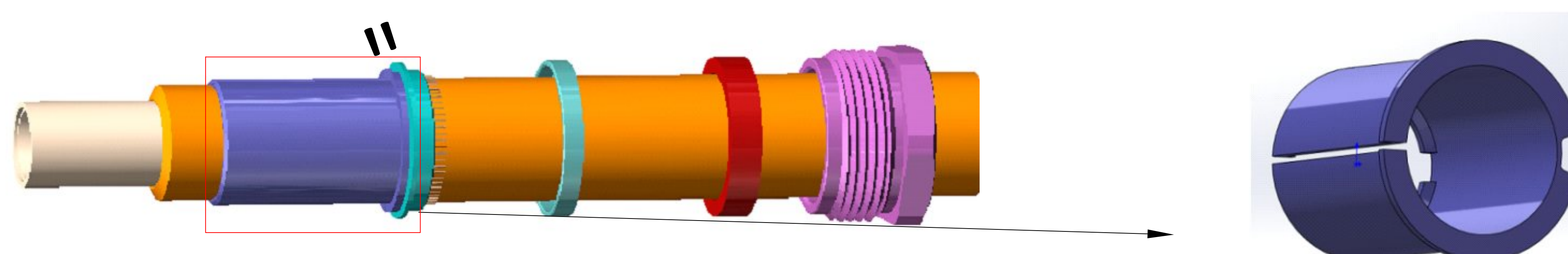
- 1、将螺母、橡胶密封圈、两个金属环、端子按下图依次套在线缆上

Load nut, rubber seal, metal gaskets and terminal onto cable as shown below



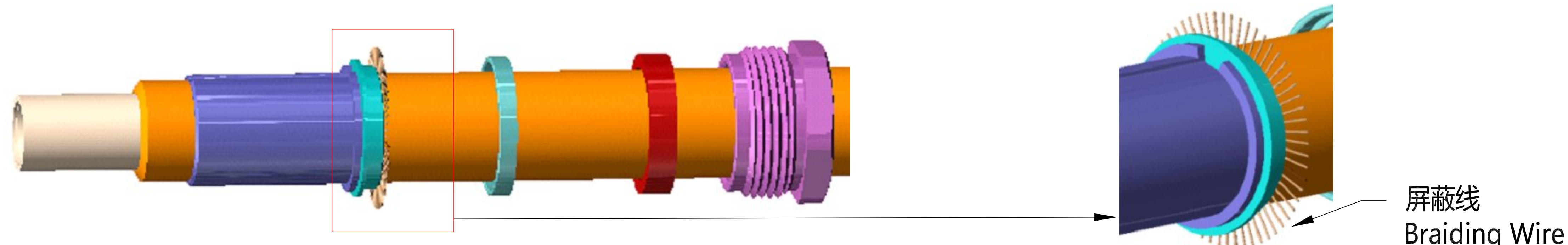
- 2、按IPC/WHMA-A-620A标准压接端子，然后将绝缘套安装在端子压接区，安装时注意绝缘套凸台方向

Crimp the terminal per IPC/WHMA-A-6020A Standard, Then assemble the insulator with correct direction



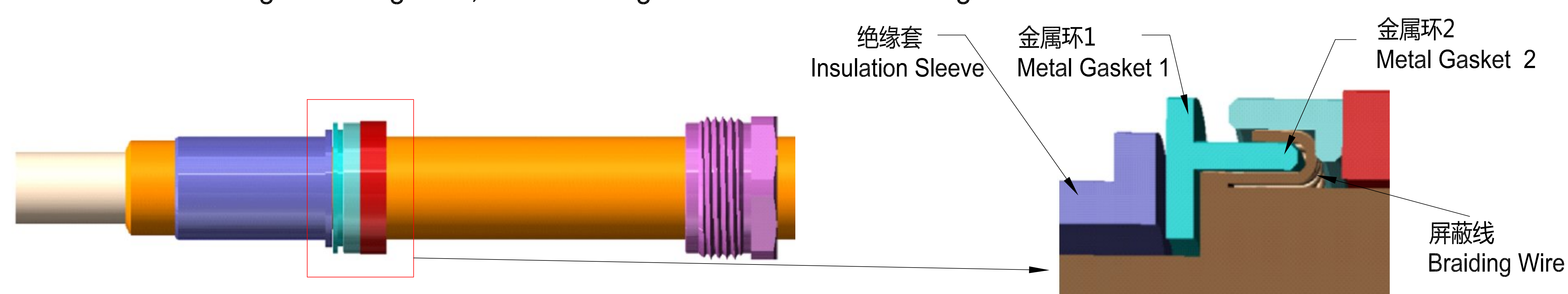
- 3、将屏蔽线外翻，屏蔽线应比圆环长2~3 mm，多余的屏蔽线应剪掉

Turn over braiding wire, and cut off to keep 2~3mm longer than the gasket #1



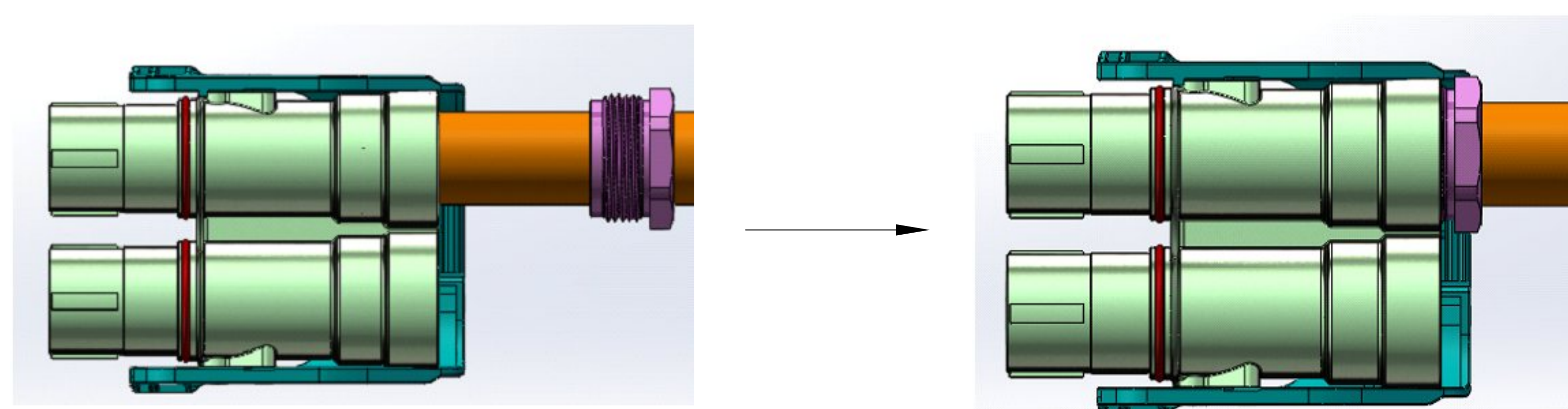
- 4、使金属环2与金属环1组合在一起，并与屏蔽线充分接触

Make the 2 metal gaskets together, then braiding wire will be between the gaskets and touch well



- 5、将组装好的线缆与金属外壳安装在一起，然后锁紧金属螺母，螺母锁紧力矩为5~8Nm

Push cable into plug metal shell, then screw nut with 5~8 Nm torque

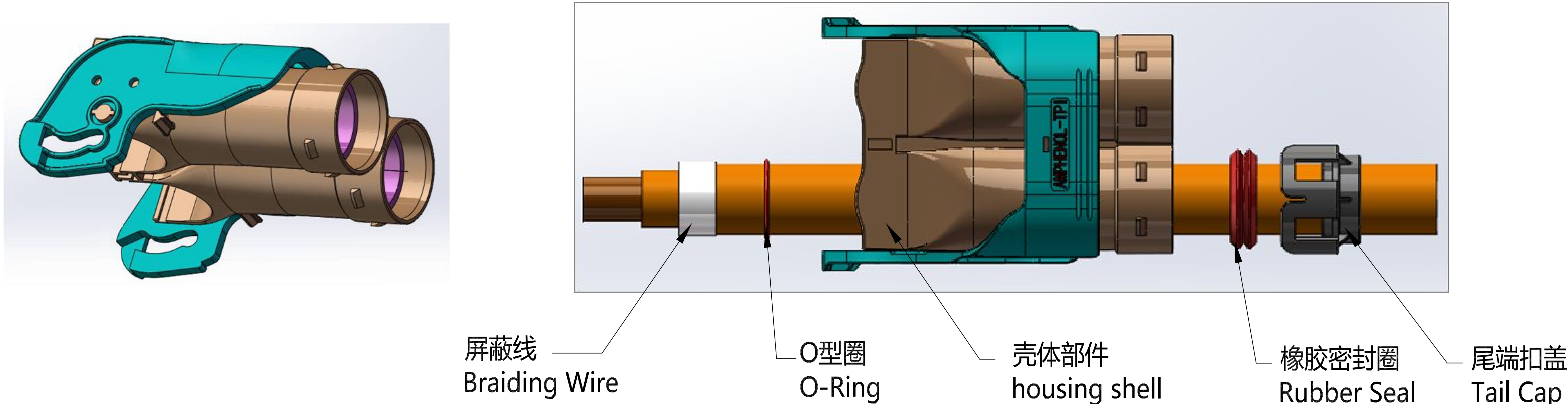


- 6、按上述方法安装另一条线，完成组装
Assemble another cable, Complete Assembly.

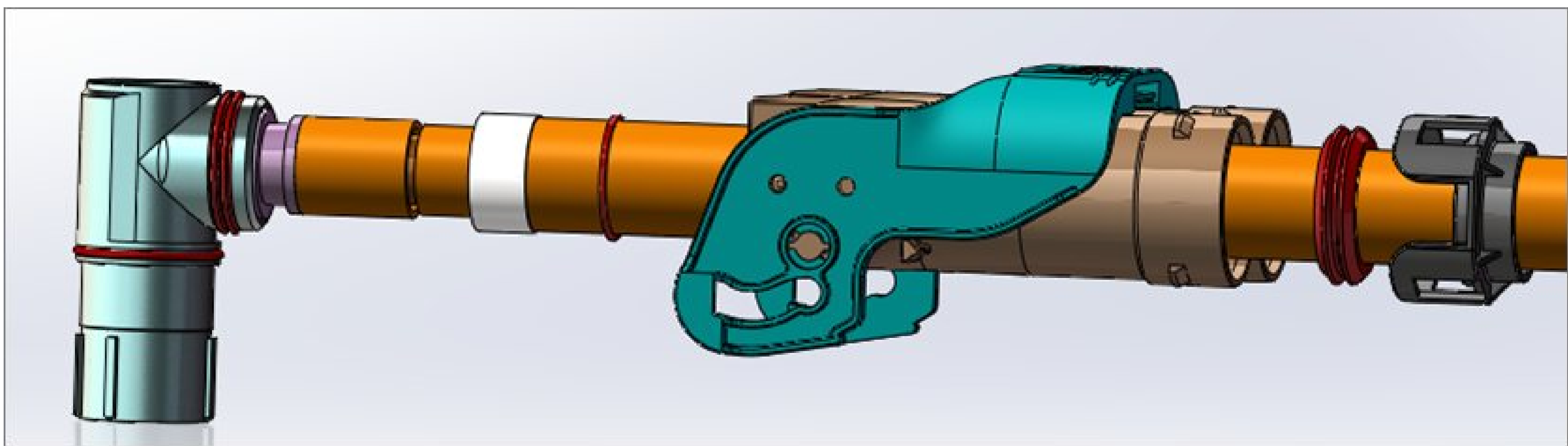


PowerLok 2POS 90D 组装式插头安装规范 PowerLok 2POS 90D Connector Assemble Specification

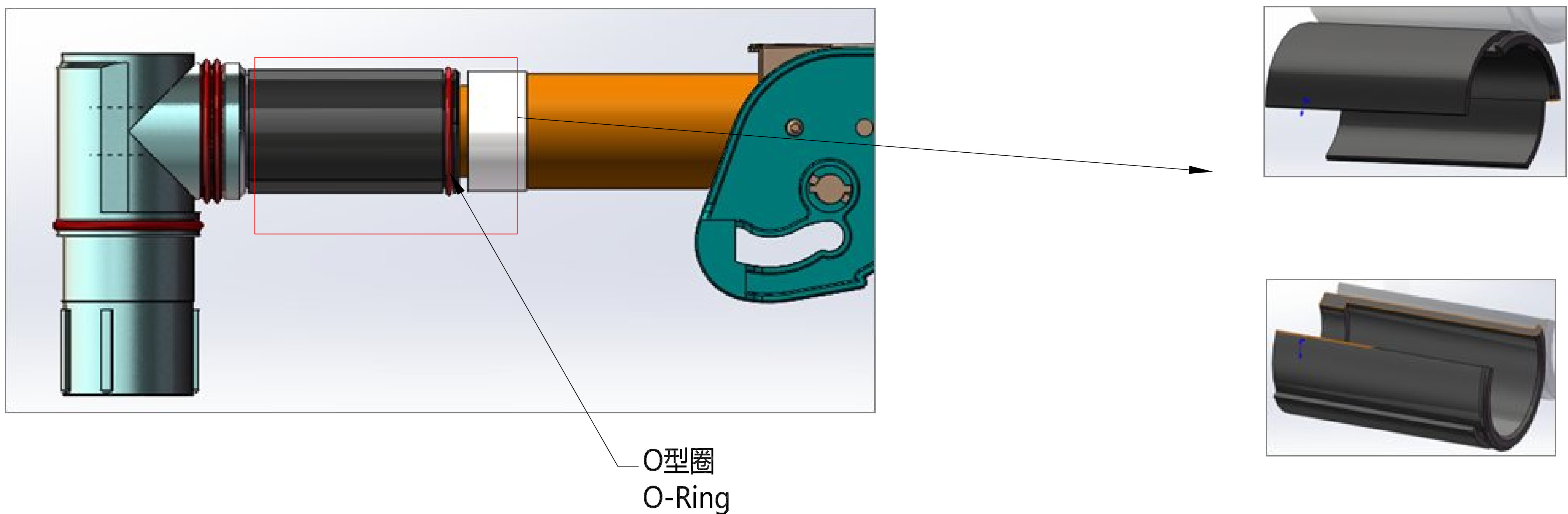
- 1、按图示将线缆依次穿过尾端扣盖、橡胶密封圈、壳体部件、O型圈
Load tail cap, rubber seal, housing shell and O-ring onto cable as shown below



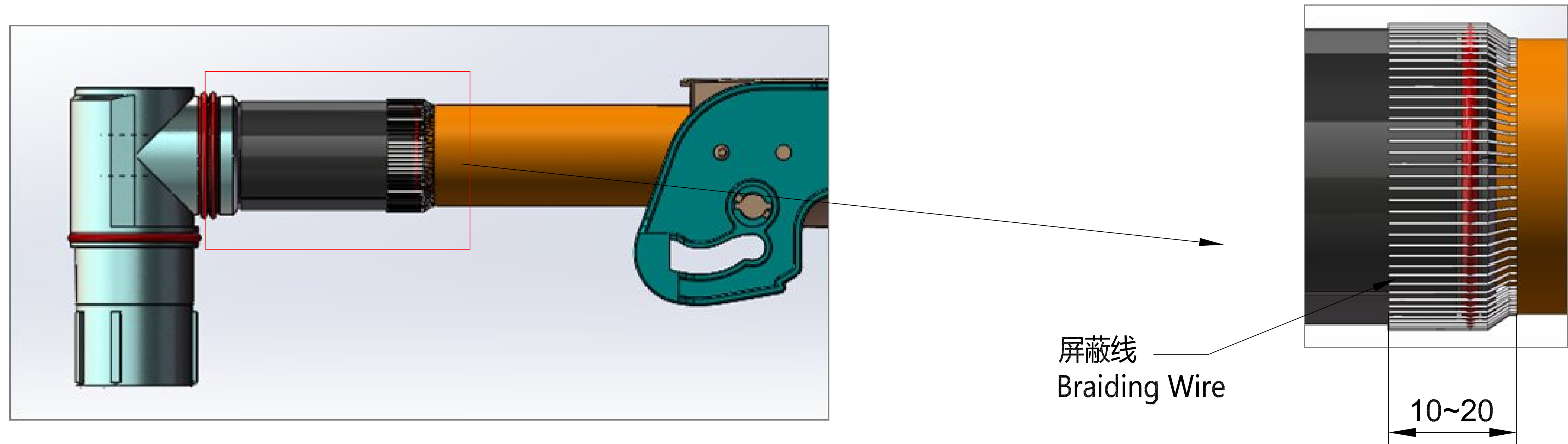
- 2、按IPC/WHMA-A-620A标准压接端子
Crimp the Terminal Per IPC/WHMA-A-6020A Standard



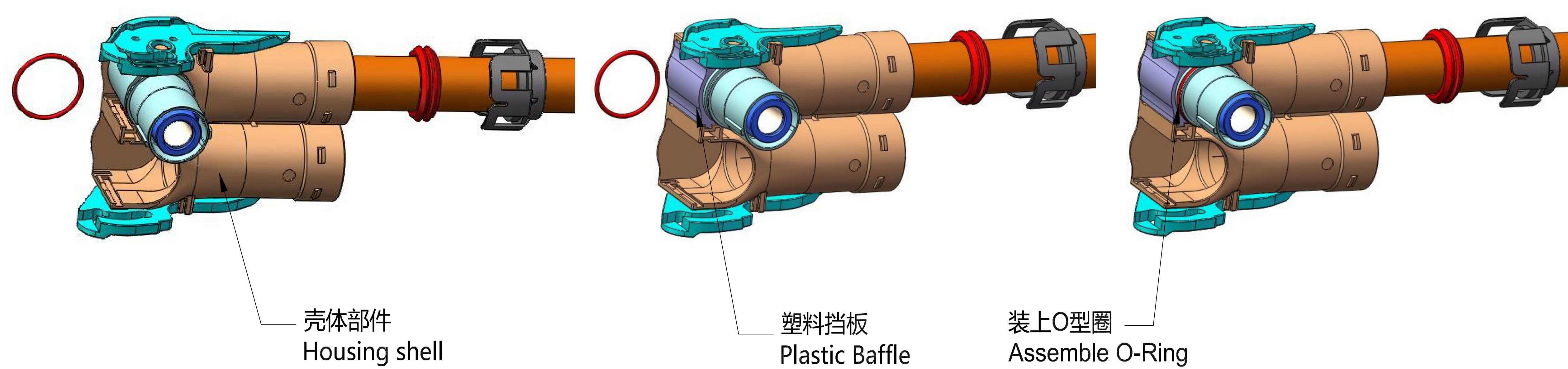
- 3、将绝缘套安装在端子压接区,安装时注意绝缘套凸台方向,然后将线缆上的O型圈套在绝缘套上的凹槽处
Assemble the Insulator with Correct Direction, then make O-ring on cable into the groove on insulator.



- 4、将屏蔽层捋顺翻回至O型圈外
Turn braiding wire over on O-ring as shown below



- 5、将金属壳体上O型圈取下，然后将塑料外壳部件推至最前端并装上顶端塑料挡板，装上O型圈
Take down O-Ring on metal shell, then push housing shell onto the components and assemble plastic baffle as shown below. Assemble O-Ring onto metal shell.



- 6、按照图示将线缆上的橡胶密封圈及尾端扣盖装配到位
Assemble rubber seal and tail cap as shown below



- 7、按上述方法安装另一条线，完成组装
Assemble Another Cable, Complete Assembly

