

# Description

## Mechanical structure:

The insulator of the Male end is fixed to the body by assemble function.  
The hollow pin is fixed to the PTFE insulator by assemble function.  
The grounding is riveting to the body on the Male end  
Contact pin for the Female end is fixed inside of PTFE insulator by assemble function.  
The PTFE insulator of the Female end fixed on the body by latch function.  
The body and the shell locked by screwing.  
POM sleeve is fixed with end of shell by using screw.  
The cable hole with sleeve is 8.5mm, without sleeve is 12.5mm.

The design of the Female end does not come with button, however, it is suitable with other standard XLR products which has button.



aeco XLR AMI-1060G

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## Material:

Contact pin:

Male - Tellurium copper (#C14500 / copper contains over 99%).  
Female - Tellurium copper (#C14500 / copper contains over 99%).

Ground pin:

**Male** - Brass alloy (#C3604).  
**Female** - Tellurium copper (#C14500 / copper contains over 99%).

Insulator: PTFE

Body: Brass alloy (#C3604).

Shell: Brass alloy (#C3604).

Sleeve: POM.

Screw: Iron.



aeco XLR AMI-1060R

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## Finish:

### AMI-1060G

Contact pin: 10u" Gold plating (no nickel base).  
Shell ground pin: 10u" Gold plating (no nickel base).  
Body:  
Male - Satin Nickel + Topcoat.  
Female - 10u" Gold plating (no nickel base).

### AMI-1060R

Contact pin: Rhodium plating (no nickel base).  
Shell ground pin: Rhodium plating (no nickel base).  
Body:  
Male - Satin Nickel + Topcoat.  
Female - Rhodium plating (no nickel base).

### AMI-1060S

Contact pin: 120u" Silver plating (no nickel base).  
Shell ground pin: 120u" Silver plating (no nickel base).  
Body:  
Male - Satin Nickel + Topcoat.  
Female - 120u" Silver plating (no nickel base).

Insulator: None.

Shell: Satin Nickel + Topcoat.

Plastic Steel: None.

Screw: Nickel plating.



aeco XLR AMI-1060S

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# aeco XLR

2Pcs / 1Set

AMI-1060G / Gold Plated / USD 70.0

AMI-1060R / Rhodium Plated / USD 80.0

AMI-1060S / Silver Plated / USD 70.0

BACK

## Concept

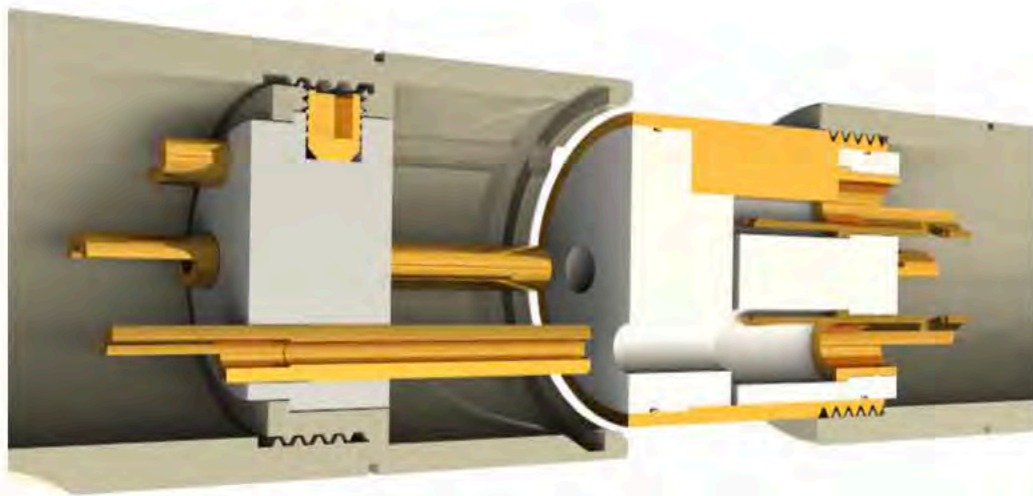
It can be assort with other standard XLR.

Non-coaxial conduction are able to use single point conduction while plug connect to jack.

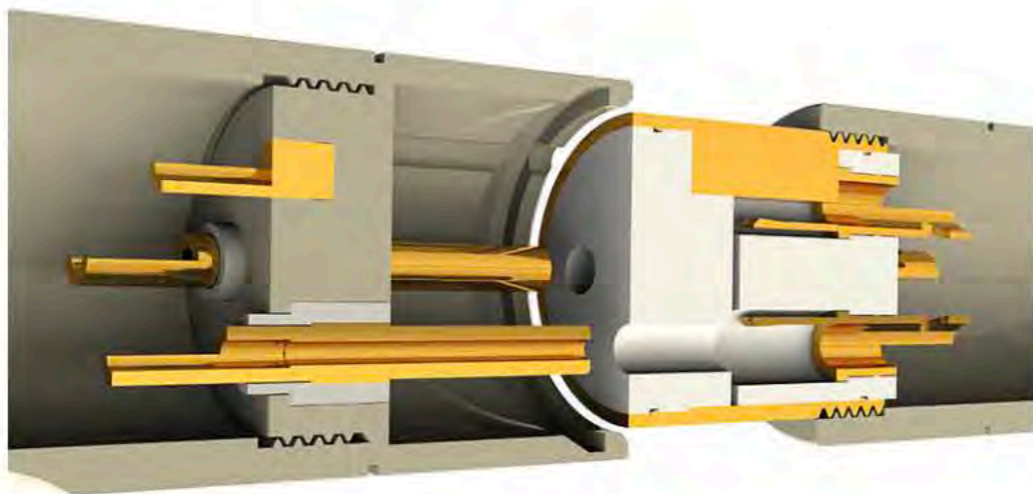
Conductor between body isolate by PTFE insulator.

The conductor is made from high-purity tellurium copper without nickel plating.

By using highest quality of design techniques and material to provide customer who has "Hi-End" requirement.



New Version (From 2018.12)



Original Version

Insulator: None.

Shell: Satin Nickel + Topcoat.

Plastic Steel: None.

Screw: Nickel plating.

## Electrical Characteristics:

Contact resistance < 1.0 mOhm (It was test by Ami-1060.)

## Dimension:

Biggest OD:18.9mm

Total Length:

Male: 46.0mm

Female: 59.5mm

## Package:

Vacuum Bag(1 male & 1 Female/1Set)

Recommend soldering temperature:

Temperature Soldering Iron, please keep 400 degree within 10 second

Temperature Soldering Iron, please keep 450 degree within 05 second

Product production process comply with RoHS