

M10 Brass Swivel Joint

Inner + Outer Thread · Rotating Lamp Head Connector

User Manual

Model JH-485

Size options: 27 x 59 mm / 24 x 53 mm · 2 pcs per pack

Kemotronics Industrial Lighting Accessories

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This manual covers the JH-485 M10 brass swivel joint in both size options.

1. PRODUCT OVERVIEW

The JH-485 is a brass M10 swivel joint (universal rotating lamp connector) for table lamps, wall lamps, pendant lamps and DIY lamp projects. One end carries an M10 inner (female) thread and the other an M10 outer (male) thread, so the joint screws straight onto a standard M10 lamp tube or lamp arm and receives an M10 lamp head or stem. The swivel head turns so the lamp head can be set to any angle, and the 7 mm through hole lets the lamp cable pass through the joint.

Two sizes are available: 27 x 59 mm and 24 x 53 mm. Supplied 2 pcs per pack.

Intended users: lamp manufacturers, DIY lamp makers, lamp repair shops and electricians.

2. TECHNICAL SPECIFICATIONS

Model	JH-485
Product name	Brass Swivel Joint (universal rotating lamp connector)
Material	Copper (brass alloy)
Finish	Polished golden copper
Size options	27 x 59 mm / 24 x 53 mm (diameter x length)
Thread	M10 inner thread + M10 outer thread
Cable hole	7 mm through hole
Rotation	Swivel / rotating head, adjustable angle
Mounting	Screw-on (threaded on both ends)
Working temperature	-20 °C to +80 °C
Surface treatment	Polished, anti-oxidation
Pack quantity	2 pcs per pack
Note	Dimensions are measured manually, tolerance $\pm 1-3$ mm

3. PACKAGE CONTENTS

- 2 x Brass Swivel Joint M10 (selected size: 27 x 59 mm or 24 x 53 mm)

NOT included: lamp tube, lamp head, lamp shade, cable, lamp holder. Please confirm the size and thread before ordering.

4. INSTALLATION INSTRUCTIONS

Step 1 — Check the threads: the outer (male) thread goes to the lamp arm / tube side, the inner (female) thread receives the lamp head or stem. Both are M10.

Step 2 — Switch off the power: turn off the circuit breaker before touching any part of the lamp.

Step 3 — Thread the cable first: pass the lamp cable through the 7 mm hole of the joint before assembling. The joint cannot be threaded onto the cable afterwards.

Step 4 — Screw on the joint: screw the outer thread into the lamp arm and screw the lamp head into the inner thread. Tighten by hand only — brass threads are soft, do not use pliers or a wrench.

Step 5 — Set the angle: turn the swivel head to the angle you need, make sure the cable is not pinched or twisted, then restore the power and test the lamp.

5. WIRING

NOT APPLICABLE.

This is a mechanical lamp fitting with no electrical contacts. It carries no current; the lamp cable simply passes through the 7 mm hole. All electrical connections must be made at the lamp holder or driver side by a qualified person.

6. COLOR STATUS

NOT APPLICABLE.

This is not a signal light and has no colour-status function. The colour of the part is the polished copper/brass finish only.

7. MAINTENANCE AND CARE

- Wipe with a soft dry cloth. For fingerprints, use a little mild soapy water and dry immediately.
- Do not use abrasive pads, acid or alkaline cleaners — they will remove the polished brass finish.
- Check the threaded joints from time to time and tighten by hand if they work loose.
- If the swivel head feels stiff, turn it gently by hand. Never force it with pliers — the rotating mechanism can be damaged.
- For long storage, keep the part in a dry bag or box away from damp and salt air.

8. SAFETY WARNINGS

- ALWAYS switch off the mains supply before installing or removing this fitting.
- Check thread compatibility (M10) before assembly. Forcing a wrong thread will damage the brass body.
- Hand-tighten only. Do not use pliers, vice or wrenches on the joint.
- Do NOT hang the whole weight of a lamp on this joint alone. It is a connecting and rotating fitting, not a load-bearing ceiling mount.
- Keep small parts away from children.
- Working temperature range: -20 °C to +80 °C. Keep away from open flame and heat sources.
- Where local regulations require it, installation must be carried out by a qualified electrician.

9. TROUBLESHOOTING

Problem	Possible cause	Solution
Thread will not screw on	Wrong thread size or damaged thread	Check M10 compatibility, clean the thread, repair with a tap
Swivel head turns too easily	Normal wear of the rotating head	Replace the joint; do not clamp it with tools
Lamp head will not stay at the angle	Joint not tightened enough, or worn	Tighten by hand, check the mating tube; replace if worn
Cable does not pass through	Cable outside diameter over 7 mm	Use a thinner cable
Surface looks dull or stained	Damp air or strong cleaner used	Wipe dry, polish with a soft cloth
Lamp head sits crooked	Cross-threaded during assembly	Unscrew completely and re-thread by hand

10. WARRANTY POLICY

1 year warranty from the date of delivery, covering manufacturing defects: thread defects, cracks, excessive play of the swivel head and plating defects under normal use.

Not covered: damage caused by forcing a wrong thread, over-tightening with tools, corrosive or salt-air environment, improper installation, and normal wear of the polished finish.

11. AFTER-SALES SERVICE

Contact	Jude
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Please quote the model number JH-485 and your order number when contacting us.