

USB-C to Lightning PD + Data Cable

Package List

- 1 x MOCLS12 USB-C to Lightning Cable
- 1 x Retail box packaging
- Model: MOCLS12

Core Highlights

- USB-C PD fast charging support
- Up to 480Mbps data transfer
- C94 Lightning connector
- Premium aluminium alloy connector shell
- Nylon braided anti-tangle cable jacket

Recommended For

- iPhone and iPad users with Lightning devices
- Retail display, mobile accessory stores, and distributors
- Home, office, travel, car charging, and daily device syncing



60W

Power Delivery

480Mbps

Data Transfer

1.2M

Cable Length

C94

Connector

2 Years

Warranty

Key Features & Technical Specs

60W PD Support

Supports Power Delivery charging with compatible USB-C power sources.

Fast-Charge Ready

Up to 50% charge in around 30 minutes under compatible conditions.

C94 Lightning Connector

Reliable Lightning connector for stable charging and data syncing.

480Mbps Transfer

Suitable for photos, videos, music, documents, and device backup.

Nylon Braided Jacket

Durable outer layer helps resist tangling and daily wear.

Aluminium Shell

Premium connector housing with a clean metallic finish.

Reinforced Relief

Flexible connector-end protection helps reduce stress while bending.

Retail Packaging

Box pack with model code, warranty marking, and distributor-ready details.

Technical Specification

Brand	MOWSIL
Model	MOCLS12
Product Name	USB-C to Lightning PD + Data Cable
Connector Type	USB-C male to Lightning male
Cable Length	1.2 meter
Power Delivery	Up to 60W supported
Data Transfer	Up to 480Mbps
Connector Shell	Premium aluminium alloy
Outer Jacket	Nylon braided cable
Color	Black
Package Content	1 x cable with retail box packaging
Warranty	2 years

Note: Actual charging speed depends on device model, adapter wattage, battery level, temperature, and system charging behavior.

Use Cases, Charging & Data Sync



Charging: USB-C adapter to iPhone Lightning port



Sync: USB-C laptop/power source to iPhone data transfer

Charging Performance

- Best setup: USB-C PD charger of 20W or higher with compatible iPhone/iPad Lightning device.
- Fast-charge claim: Up to 50% in around 30 minutes under compatible fast-charge conditions.
- Power control: Device controls actual power intake; the cable supports the connection within its specification.
- Recommended: Use quality-certified chargers and avoid damaged or unstable power sources.

Data Transfer & Sync

- Transfer rate: Up to 480Mbps data transfer.
- Common uses: Photo transfer, video transfer, music sync, backup, and restore.
- Computer setup: USB-C end to compatible computer port and Lightning end to iPhone/iPad.
- Prompt: Tap Trust/Allow on the device when prompted to enable data access.

Compatibility

iPhone with Lightning Port	Charging and data sync supported.
iPad with Lightning Port	Charging and data sync supported.
USB-C PD Charger	Recommended for fast charging.
USB-C Laptop/Desktop Port	Charging and data transfer where the system supports it.
USB-C Power Bank	Charging supported where output is compatible.
USB-C Car Charger	Charging supported where charger output is compatible.

Recommended Daily Use

Home Charging

Bedside and desk charging with USB-C PD adapter.

Office Use

Daily charging from laptop, docking station, or PD charger.

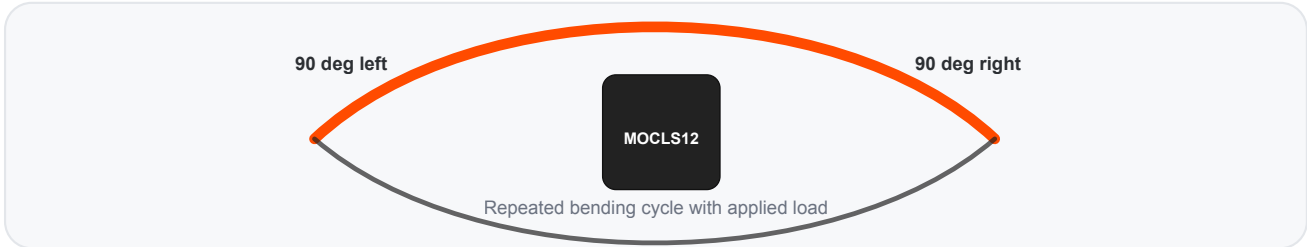
Travel Use

Compact and durable cable for bags, hotels, airports, and power banks.

This cable is for Lightning-port Apple devices. It is not a USB-C to USB-C cable and is not intended for USB-C input devices.

Bend Test Report & QC Checklist

Internal QC bend test summary for connector strain relief and repeated movement durability.



Test Summary

Test Type	Cable bend / flex endurance at connector strain relief
Product	MOWSIL MOCLS12 USB-C to Lightning Cable
Sample Quantity	3 pcs
Bending Angle	90 degrees left and 90 degrees right
Applied Load	300 g test load
Cycle Speed	Approx. 30 cycles / minute
Target Requirement	10,000 bend cycles
Acceptance Criteria	No visible jacket cracking, connector loosening, abnormal heating, or charging/data failure

Sample Results

Sample	Cycles	Visual	Charging	Data / Result
S1	10,000	Pass	Pass	Pass / PASS
S2	10,000	Pass	Pass	Pass / PASS
S3	10,000	Pass	Pass	Pass / PASS

Conclusion: PASS - all tested samples completed the target bend cycle requirement under the internal QC criteria listed above.

Quality Inspection Checklist

Visual Appearance

No bubbles, dents, broken braiding, connector deformation, or dirty housing.

Connector Fit

USB-C and Lightning plugs fit correctly without abnormal looseness.

Charging Test

Device charges normally with compatible PD charger/device.

Data Sync Test

Device recognized by compatible computer/software when trust permission is granted.

Bending / Strain Area

No connector shell movement or jacket cracking after bend-test procedure.

Package Check

Correct model code, cable length, barcode/QR area, warranty mark, and retail package condition.

Recommended record keeping: batch number, sample quantity, inspection date, inspector name, visual result, charging result, data result, and final approval status.

Care, Safety, FAQ & Support

Care, Safety & Storage

Use quality charger

Use with certified/quality USB-C chargers and power banks.

Avoid heat

Do not expose to fire, extreme heat, direct sunlight for long periods, or hot vehicle dashboards.

Avoid sharp bends

Do not fold tightly or bend strongly near connector strain relief.

Store properly

Store loosely coiled and avoid heavy pressure from bags, chairs, or drawers.

Keep dry

Do not use when connector is wet or exposed to liquids.

Inspect before use

Stop using if connector, shell, or cable jacket is damaged.

Clean carefully

Clean connector surfaces gently with a dry cloth only when disconnected.

Child safety

Keep away from small children when not in use.

FAQ - Product, Charging, Data & Compatibility

Does MOCLS12 support fast charging?

Yes, use a compatible iPhone/iPad and a USB-C PD charger of 20W or higher for fast charging.

What is the maximum power support?

The cable supports up to 60W Power Delivery within compatible charging conditions.

Can it charge an iPhone to 50% in 30 minutes?

The packaging claim is up to 50% in around 30 minutes with compatible device, charger, and battery level.

Can I use it with a normal USB-A charger?

No. This cable has USB-C on the charger side. Use a USB-C charger or USB-C output source.

Can I transfer data with MOCLS12?

Yes. It supports up to 480Mbps data transfer for compatible devices and systems.

Why is my computer not detecting the iPhone?

Unlock the phone, reconnect the cable, tap Trust/Allow if prompted, try another USB-C port, and update software if needed.

Is the cable braided?

Yes. It uses a nylon braided outer jacket.

What should I do if charging disconnects repeatedly?

Check charger, wall socket, phone port cleanliness, case interference, and try another USB-C source. Replace the cable if damage is visible.