

2mm SC-SC Single Mode Duplex Fiber Jumper (50m)

\$18.00

SKU: TEL0156

-

1

+

Volume Discount

Purchase this product and earn 180 reward points, which are tied to VIP membership program. [Learn More >](#)

Wire Diameter: 2.0mm, Length: 50m

\$18.00

Wire Diameter: 3.0mm, Length: 3m

\$4.50

Don't Miss Top Accessories

☐

Gravity: UART Fiber Optic Transceiver Module

\$24.00

-

1

+

[Details](#)

🛒

Only 7 Left

2mm SC-SC Single Mode Duplex Fiber Jum...

\$18.00

Add to Cart

Shop Now

♡

Introduction

This is a single-mode dual-core fiber jumper with a wire diameter of 2mm and a wire length of 50m. Equipped with ceramic ferrule SC-type connectors and a protective shell, it features low insertion loss, good repeatability, good interchangeability, large return loss, tensile resistance, high performance, and durability. This fiber jumper is more suitable for long-distance optical fiber communication.

The fiber jumper is single-mode which means the fiber enables one type of light mode to be propagated at a time, so it is more suitable for long-distance data transmission. And for the dual-core, it means that there are two single-core fibers.

These optical fiber patch cords can be used in optical fiber communication systems, optical fiber access networks, optical fiber data transmission, and local area networks and other fields.

Features

- Low insertion loss
- Good repeatability
- Good interchangeability
- Large return loss
- Tensile resistance, high performance, and durability

Applications

- Optical fiber communication systems
- Optical fiber access networks
- Optical fiber data transmission
- Local area networks and other fields

Specification

- Specifications: single-mode dual-core 9/125 (G652D)
- Connector: SC-SC (square)
- Wire Diameter: 2.0mm (0.08 inch)
- Length: 50m
- Ferrule: Ceramic
- Wavelength: 1310nm-1550nm
- Interchangeability: ≤0.2dB
- Shell Material: PBT
- Insertion loss: ≤0.3dB
- Return loss: ≥50dB
- Times of Plugging and Unplugging: > 1000 times
- Bending Radius: 30mm
- Tensile Strength: 100N
- Connector Pull Force: 10-20N
- Working Temperature: -40°C~+80°C
- Industry Standard: Carrier-Grade

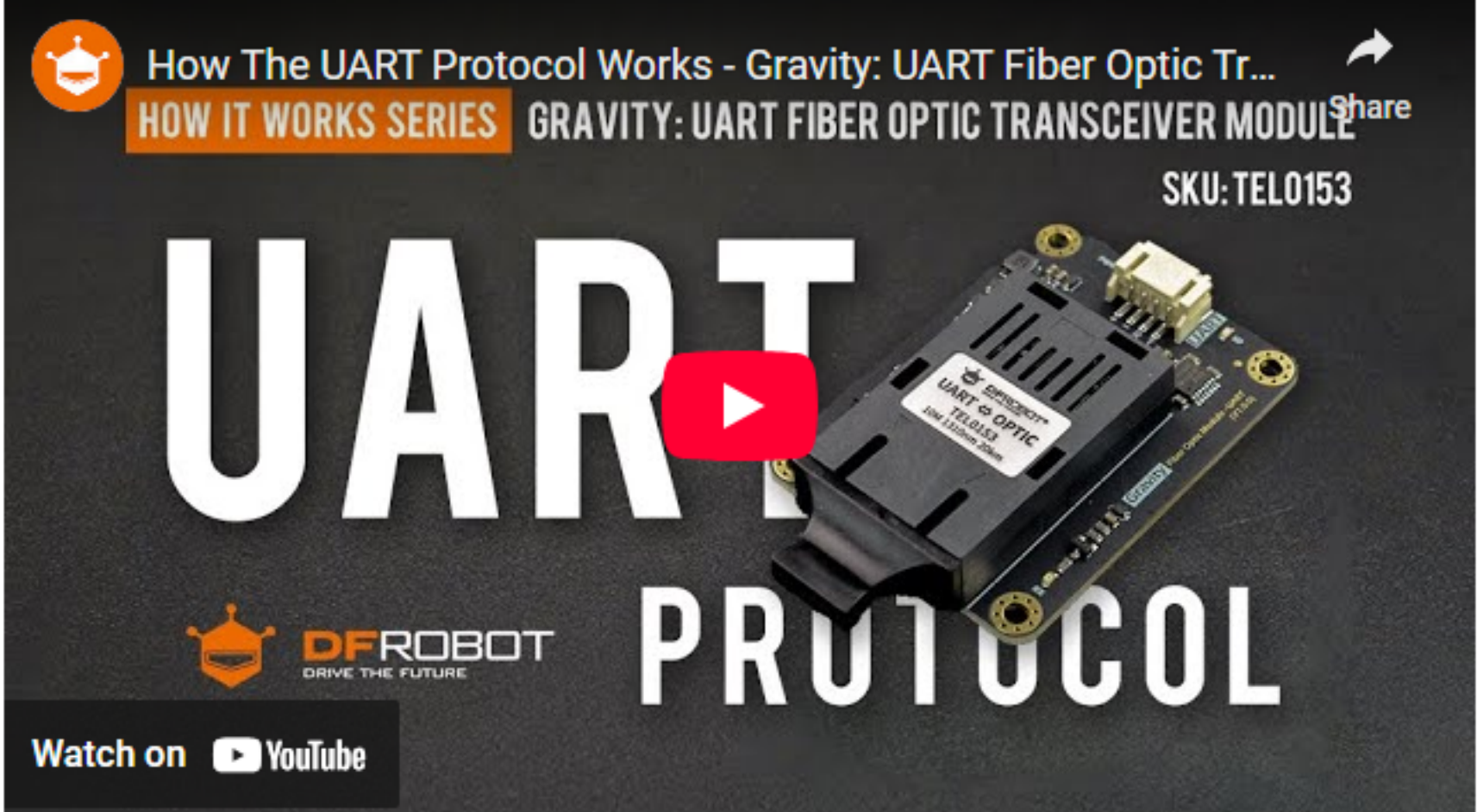
Projects

Project: [How UART Protocol Works - Gravity: UART Fiber Optic Transceiver Module](#)

Introduction:

In this video, we will talk about the UART protocol. We're using Gravity: UART Fiber Optic Transceiver Module, which runs at 2000000 baud at any time within a distance of up to 10km, to make a weather station.

[Make a Weather Station Using Environmental Sensor](#)



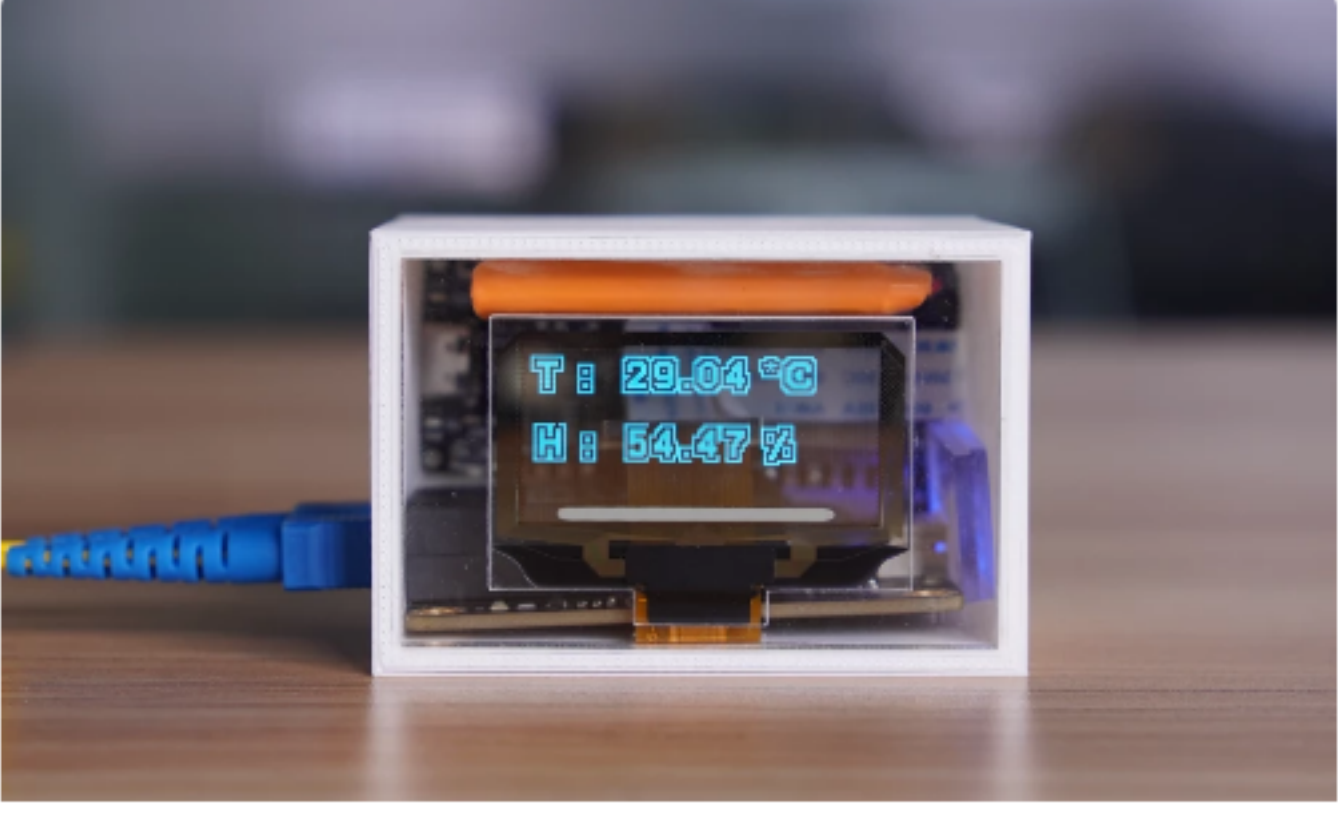
Shipping List

- 2mm SC-SC Single Mode Duplex Fiber Jumper (50m) x1

Resource

All

Projects



Projects

Make a Weather Station Using Environmental Sensor

Frances

Oct 28, 2022

IoT Projects

Information

About Us

Warranty

Terms & Conditions

Shipping

Payment

FAQ

Customer Service

My Account

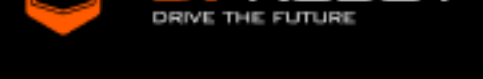
DFRobot Distributors

Contact Us

Site Map

Affiliates

Specials



Sign up for exclusive offers!

Your email address

>

Like us on

