



Taiwan Jets Manufacture Co. Ltd.  
Non-Red Supply Chain Product Line

TJMC

# FIBER OPTIC BARREL MODULE

項目	
Product Des.	( TX/RX 1 SET )
Interface Standard	IEEE 802.3 10G Base-BR · Full-duplex
Images Interfaces	2 × Mini-HDMI (TX/RX switchable), supports HDMI 2.0, up to 4K@60fps
Fiber Optic	1 × 10G FC (hot-swappable)
Wavelength/Corresponding	A : Tx1270 / Rx1330 nm ( 20 km ) ; B : Tx1330 / Rx1270 nm ( 20 km )
Optical transmission distance:	Single-mode 20 km / 40 km
Control/Power Connector	3pin PH 1.0 mm ( UART Control ) 、 2pin PH 2.0 mm ( 5–27 V · 1 A )
pilot lamp	Power 、 Fiber ACT(TX/RX) 、 HDMI(TX/RX)
Power Supply	DC 5–27 V · 1 A
Operation Condition	0–40 °C / –40–70 °C ; Operation humidity 10–90%RH ( No condensation ) / Storage 5–90%RH ( No condensation )
DIMS ( PCB )	40 × 110 mm ( W × D )
characteristic	Low-latency instant transmission, hot-swappable optical ports, LED status display, and easy integration.

