

INDUSTRIAL COMPONENT DATA

UFVFR1 FV-FR1 PANASONIC Connection flange for vacuum-resistant fibers, 1 channel

Brand: PANASONIC | Manufacturer Part Number: UFVFR1

Panasonic
INDUSTRY

Manufacturer	PANASONIC
MPN / Reference	UFVFR1
Catalog number	UFVFR1
Category	Fiber - PANASONIC
Minimum order	1 unit
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Product Overview

UFVFR1 FV-FR1 PANASONIC Connection flange for vacuum-resistant fibers, 1 channel

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path PANASONIC > Fiber - PANASONIC > FT thru-beam type optical fibers. ACCESSORIES

Additional Product Information

Product Number FV-FR1

Part Number FV-FR1

Product Vacuum-resistant flange 1CH

Details Atmospheric side and vacuum side are isolated.

Product name One-Touch Connection System Vacuum-resistant Fibers

Item Specifications

Product Number FV-FR1

Part Number FV-FR1

Applicable fibers FT-40V, FD-KZ50V, FD-L10V, FT-J9

Leakage 1.0×10^{-10} Pa·m³/s [He] or less (* Measured with a He detector)

Ambient temperature -30 to +120°C -22 to +248°F

(Same for storage. Up to +40 °C +104°F when humidity is high. However, no dew condensation or icing allowed.)

Ambient humidity 35 to 85% RH (Same for storage)

Tightening torque Nut: 14.7 N·m or less (M14 nut)

Tensile strength 20 N or less (Atmospheric / vacuum side fiber joint)

O-ring size V15

Weight 100 g approx.

Material Main unit: Stainless steel (SUS303), Holding bracket: Stainless steel (SUS301),

Fiber: Quartz glass, O-ring: Fluororubber

Recommended thickness of vacuum chamber wall 3.0 to 40.0 mm 0.118 to 1.575 in

(Note) : Confirm the wall thickness in advance since the FV-FR1 cannot be installed to a vacuum chamber with a wall thickness outside the recommended thickness range.

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PANASONIC / UFVFR1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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