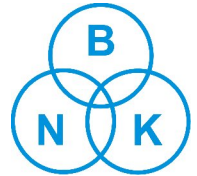


Obonok Technologies



Blu-Wire™ RD2F HDMI-OVER-FIBER & UTP

1x2 HDMI Receiver
with **USB and IR**

Enabling High Definition—Everywhere!

Features

- Extends / distributes HDMI v1.3 / 1.2 + HDCP over single multimode fiber
- Two HDMI outputs—handle two HDTV's with one receiver, reducing cost
- HDMI extension to 3900' / 1.2Km, or 19500' / 6Km via daisy-chain receivers
- Extends USB or IR over same, single fiber and/or single UTP
- MMF Out and UTP Out—link downstream to fiber and/or UTP receivers



Obonok Technologies designs, develops and produces the Blu-Wire™ Series, the world's leading technology for HDMI signal distribution over category cable, and now, FIBER—enabling virtually limitless extension! The Blu-Wire RD2F Receiver provides an installer-friendly method of distributing uncompressed, uncompromised, fully digital 1080p or WUXGA HDMI plus HDCP signals to dozens of distant HDTV's. Blu-Wire Fiber Series transmitters and receivers combine the best HDMI-over-UTP and HDMI-over-fiber technologies for the ultimate in performance and real-world application flexibility.

Obonok's Blu-Wire Fiber Series is the only HDMI extension gear featuring multi-output, multimode fiber + UTP transmitters, up to six kilometer total range via daisy-chain multi-output receivers, "Auto-Everything" for ease of install and maintenance, and full 1080p over SINGLE fiber and/or SINGLE UTP.

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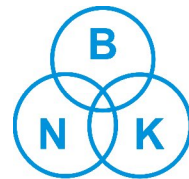
16192 Coastal Highway
Lewes, DE 19958

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Website: www.obonok.com

E-mail: sales@obonok.com

Blu-Wire™ RD2F



1x2 HDMI-over-MM Fiber and/or UTP Receiver

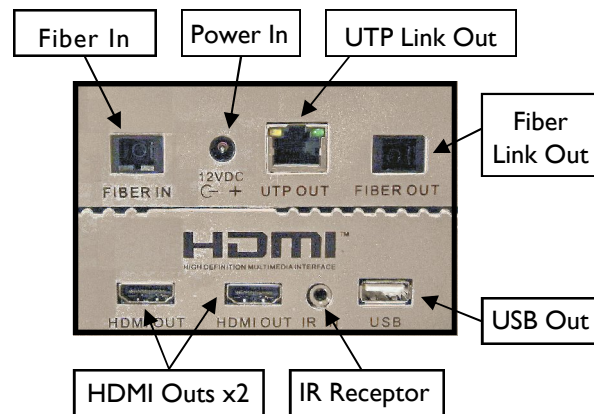
Application Example



Specifications

- Total Bandwidth: up to 6.6 Gbps
- Maximum Resolution: 1080p / 1920 x 1200
- Maximum Distance to/between receivers: 1200m / 3900 ft. via fiber; 50m / 164 ft. via UTP
- Fiber input: (1) SC-type / HDMI outputs: (2)
- Link outputs (2): 1x RJ-45 Female, 1x Fiber SC
- Maximum daisy chain lengths: 8 fiber receivers, 2 UTP receivers off of each fiber receiver.
- Power Supply: 12V DC (included)
- Power Consumption: 6 Watts (max.)
- Operating Temperature: -15C to 50C
- Storage Temperature: -40C to 85C
- HDMI Specifications Supported: v1.1, 1.2 & 1.3
- HDCP Compliant
- Cable Compatibility: Multimode fiber with SC connectors, Solid, bonded Cat5e/6/7 for UTP
- Auto-EQ / Adjustment-free

Connections



- Dimensions: 128mm L x 118mm W (not including mount wings) x 36mm H
- Patents Pending: U.S. 60956694 and 60968046

Recommended UTP Cables

- Belden Home Choice 2510 Cat6
- Shaxon UL725-8 Cat6
- Belden 7988R Cat5e
- Solid, bonded Cat6 highly recommended for 1080p applications
- Not recommended: stranded cable, "soft" network jump cables

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