



The Intelix DIGI-HDMI-F transmits a high-definition HDMI (high definition multimedia interface) signal up to 150 feet over two inexpensive twisted pair cables. The DIGI-HDMI-F supports 480i, 480p, 720p and 1080i high-definition video up to 150 feet when using standard Cat 5e cabling, and 1080p high-definition video up to 30 feet when using standard Cat 6 cabling.\* The DIGI-HDMI-F balun supports standard HDTV resolutions and is HDCP compliant. Each DIGI-HDMI-F includes the send unit, receive unit, and power supply. The system is powered on the destination end.

The Intelix **DigiCat** Series of baluns is the ideal solution for sending digital, high-performance signals over structured cabling. **When signal quality matters, choose Intelix.**

### Technical Specifications

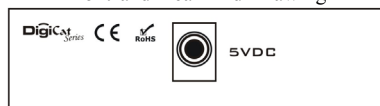
<b>Maximum Distance*</b>	480i with Cat 5e      150 feet 480p with Cat 5e      150 feet 720p with Cat 5e      150 feet 1080i with Cat 5e     150 feet 1080p w/ Belden 7989R 100 feet**	<b>Cabling</b>	Two structured cabling runs required; Cat 5e for 480i, 480p, 720p, 1080i and Cat 6 for 1080p
<b>Supported Video Resolutions</b>	480i, 480p, 720p, 1080i, 1080p	<b>Temperature</b>	Operating: 32 to 131 F (0 to 55 C) Storage: -4 to 185 F (-20 to 85 C) Humidity: up to 95%
<b>Input DDC Signal</b>	5.0 volts p-p (TTL)	<b>Dimensions</b>	3.25" x 1.75" x 0.88"
<b>Input Video Signal</b>	1.2 volts p-p	<b>Enclosure</b>	Metal
<b>Video Amplifier Bandwidth</b>	1.65 Gbps	<b>Shipping Weight</b>	1.0 lbs
<b>Send Unit Connectors</b>	One (1) type A HDMI connector to two (2) RJ45s	<b>Ordering Information</b>	<i>DIGI-HDMI-F</i> : includes send balun, receive balun, and power supply
<b>Receive Unit Connectors</b>	One (1) type A HDMI connector to two (2) RJ45s	<b>Compliance</b>	CE, RoHS
<b>Power Connector</b>	Powered on the receive end; side mounted connector	<b>Power Supply</b>	External 5 VDC
		<b>Warranty</b>	Two years

\* Distances may be affected by cable grade, cable quality, source and destination equipment, RF and electrical interference, and cable patches. Intelix specifications are based on straight-through cabling.

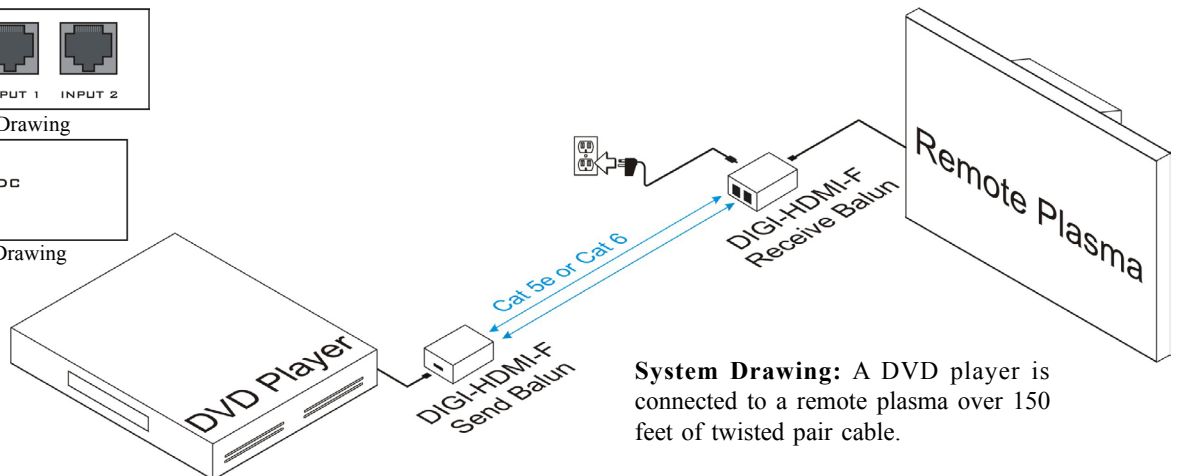
\*\* 1080p signal distance is dependant on cable type and device output strength. Intelix test procedures has shown best performance with Belden 7989R low skew, 550 MHz cable. Intelix cannot guarantee performance with untested cables. **When routing 1080p video, Intelix does not recommend using the DIGI-HDMI-F in conjunction with distribution amplifiers or splitters, as the DDC signal may be weakened.**



Front and Rear End Drawing



Receive Balun Side Drawing



**System Drawing:** A DVD player is connected to a remote plasma over 150 feet of twisted pair cable.