



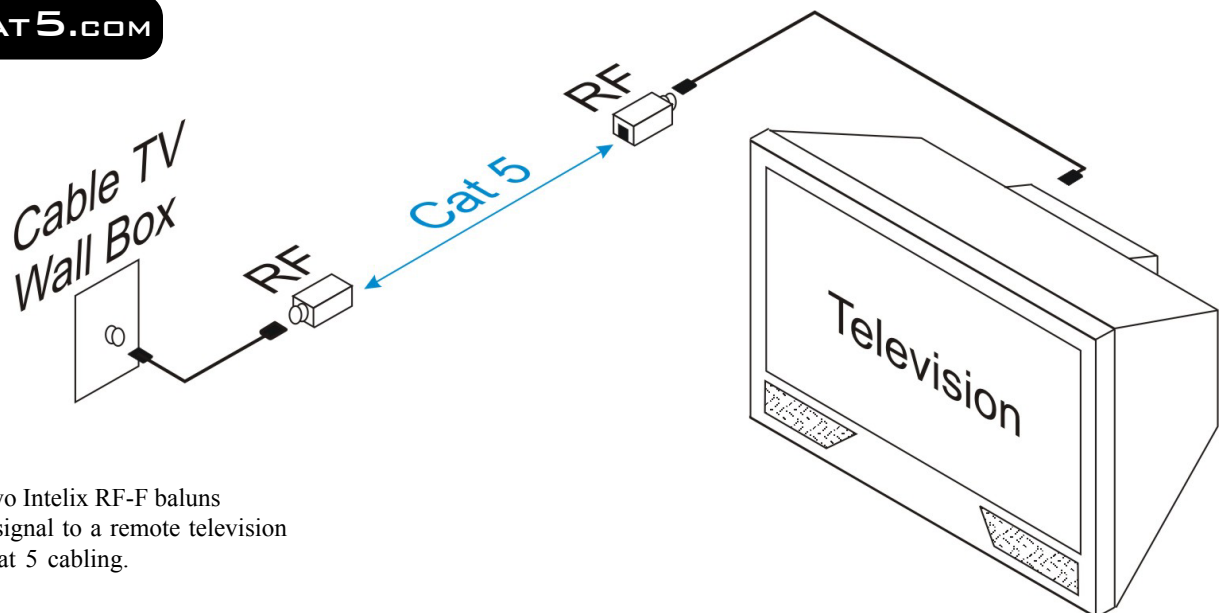
The Intelix RF-F balun passively transmits broadband (RF) video over unshielded twisted pair cabling, such as Cat 5 or Cat 5e. Used in pairs, the RF-f transmits video up to 330 feet, providing a low-cost versatile cabling solution which uses a building's existing structured cabling system.

The Intelix RF-F is ideal for private RF networks, guestroom TV and internet services, apartments and condominiums, schools and universities, and corporate audio-visual environments. The RF-F is designed for point-to-point connections.

**Technical Specifications**

<b>Maximum Distance*</b>	330 feet	<b>Unshielded Twisted Pair Cabling Specifications (24 gauge or lower solid copper)</b>	Maximum capacitance: 20 pf/foot Impedance: 100 ohms @ 1 MHz Attenuation: 6.6 dB/1000 ft. @ 1 MHz <i>Cat 5, Cat 5e, Cat 6, Cat 7 compatible</i>
<b>Bandwidth (3 dB)</b>	5 MHz to 900 MHz	<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>Supported Video Channels</b>	CATV channels 2-150 VHF channels 2-13 FM broadcast band	<b>Dimensions</b>	2.5" x 1.0" diameter
<b>Insertion Loss</b>	<9 dB: 5-10 MHz <3 dB: 10-900 MHz	<b>Weight</b>	0.07 lbs (1.05 oz)
<b>Return Loss</b>	>10 dB: 15-370 MHz >7 dB: 370-770 MHz >10 dB: 770-900 MHz	<b>Ordering Information</b>	<i>RF-F</i> : single RF-F balun in bulk packaging <i>RF-PAC</i> : two RF-F baluns in retail-ready packaging
<b>Common Mode Rejection</b>	-20 dB or higher at 5-900 MHz	<b>Regulatory</b>	FCC, CE
<b>Connectors</b>	One (1) male F to one (1) RJ45	<b>Warranty</b>	Two years
<b>RJ45 Pinout</b>	7 & 8, pair 4		
<b>Enclosure</b>	Black plastic		

\*Distances and picture quality 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 with standard-grade Cat 5.



**System Example:** Two Intelix RF-F baluns transmit a cable TV signal to a remote television via standard-grade Cat 5 cabling.