MuxLab Shielded CATV Balun Pushes Cat5e/6/7 to Limits

Montreal, Canada - MuxLab Inc, a leading designer and manufacturer of security video and audio-video connectivity solutions is pleased to announce its latest addition to its broadband CATV line….**Shielded CATV Balun (500306).**   The Shielded CATV Balun pushes the limits of RF video transmission via Cat5e/6/7 by supporting greater RF amplification while minimizing RF egress. The 500306 has a 900 MHz bandwidth and is fully shielded to support shielded Cat5e/6/7 cabling systems.

The 500306 is designed to be used where shielded twisted pair is required in order to minimize potential RF intermference with nearby systems. In some installations, additional RF amplification is needed to push higher RF channel frequencies over Cat5e/6/7 cable. The shielded enclosure coupled with STP cable allows greater RF amplification to be applied while minimizing RFI/EMI interference. Used in pairs, the Shielded CATV Balun has lower insertion loss and wider bandwidth versus other CATV baluns thereby supporting greater cable lengths over all terrestrial RF analog/digital and Internet channel frequencies.   The 500306 works in conjunction with other RF video distribution equipment such as RF splitters, amplifiers, modulators, tuner and cable modems for a total cabling solution.   Actual performance over Cat5e/6/7 depends signal input power, highest channel frequency and receiver sensitivity.

The Shielded CATV Balun is installed where Cat5e/6/7 cable is more cost-efficient or where coax cable is not available within specified distance limits. Applications for the Shielded CATV Balun include; residential RF video distribution, Pay-TV services, guestroom entertainment, Internet and private broadband video networks. The product also features a built-in "F" and RJ45S connectors for ease of connection to the CATV equipment and structured cabling system and is backed by a lifetime warranty.

For more information, please contact MuxLab at videoease@muxlab.com. A 300 DPI jpeg image of the product is available upon request.