

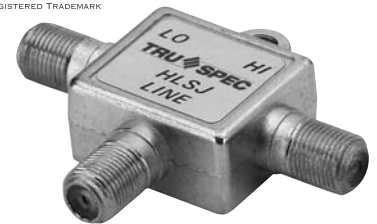
# Band Separators and Combiners

## VHF Band High-Low Separator-Combiner

**HLSJ**

Separates and isolates VHF low (54-108 MHz) from VHF high (175-216 MHz) signals for clean insertion into headend strip amplifier – Filters and mixes VHF low and VHF high signals allowing mixing of multiple antenna onto single cable – Reduces harmonics and out of band interference for improved amplifier performance – Low insertion loss 0.5dB max – Min Rejection 22dB/Low 20dB/High – Impedance 75 Ohms – VHF-Low-Band DC Power Passive for remote preamplifier powering – Machined F-Connector Threads – Epoxy Sealed Back Cover – Yellow-Chromate Plated Zinc Diecast Housing

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## UHF-VHF Bands Separator-Combiner

**UVSJ**

Separates and isolates VHF (54-216 MHz) from UHF high (470-809 MHz) signals providing for clean insertion into headend strip amplifier – Filters and mixes VHF and UHF signals allowing mixing of multiple antenna onto single cable – Reduces harmonics and out of band interference for improved amplifier performance – Low insertion loss 0.5dB max – Min Rejection 23dB/VHF 30dB/UHF – Impedance 75 Ohms – VHF-Band DC Power Passive for remote preamplifier powering – Machined F-Connector Threads – Epoxy Sealed Back Cover – Yellow-Chromate Plated Zinc Diecast Housing

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## TV-Satellite Diplexer

**TSDM-2150**

Separates and isolates satellite (950-2150 MHz) from UHF/VHF (54-806 MHz) signals providing for clean insertion into satellite receivers – Filters and mixes UHF/VHF and satellite signals to single output allowing antenna and satellite signals on single cable – Prevents paging services and cellular signals from interference with satellite signals – Low insertion loss 1.5dB max – Hi-Q filter response for excellent Satellite to VHF/UHF rejection crossover – Min 30dB Satellite and TV out-of-band rejection depth for clean signal removal and insertion – Can be used as an amplifier satellite bypass enabling cost effective satellite overlay upgrade – Impedance 75 Ohms – 550mA power passing satellite-port enabling LNB powering – Machined F-Connector Threads – Epoxy Sealed Back Cover – Yellow-Chromate Plated Zinc Diecast Housing

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## Sub-Band and CATV Bands Separator-Combiner

**SUB-CATV**

Separates and isolates Sub-Band (5-48 MHz) from CATV/UHF/VHF (54-1000 MHz) signals providing for clean insertion into modulators and data translators – Filters and mixes sub-band and CATV/UHF/VHF signals to single output reducing reverse path ingress – Used as amplifier sub-band bypass enabling cost effective reverse path upgrade converting uni-directional amplifiers to bi-directional – Analog and digital compatible – Prevents VHF/UHF ingress into return path channels – Hi-Q filter response for excellent sub-band to VHF/UHF rejection crossover – Min Rejection 50dB/Sub – Deep 60dB CATV out-of-band rejection depth for clean signal removal and insertion – Low Insertion Loss 1.5dB max – Impedance 75 Ohms – Sub band Power Passive for remote powering applications – Machined F-Connector Threads – Epoxy Sealed Back Cover – Yellow-Chromate Plated Zinc Diecast Housing

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