



C860

Bi-Directional Combiner

Features

- Broadband 5-1000MHz
- Broadcast quality specifications for unparalleled picture quality
- Built in Return-Path Diplexer
- Sub-band output port provides high isolation VHF/UHF ingress-free return path for CMTS and remote audio/video application
- >18dB return loss provides reduced reflections for exceptional digital signal performance
- Directional coupler design provides improved carrier-to-noise, system performance and picture quality
- High -50dB port to port isolation provides spurious carrier rejection and minimizes undesired channel interaction, thereby reducing picture distortion
- Passive design allows bi-directional flexibility for two-way digital and analog requirements
- Plug-in equalizers and attenuators (included) enable uniform gain and slope system balancing for minimum distortion
- -20dB test port provides convenient access for headend testing and system monitoring



SPECIFICATIONS

RF INPUT

Frequency Range (fwd)	54-1000MHz
Frequency Range (rev)	5-42MHz

ISOLATION 54-1000MHZ

Adjacent	> 40dB
Opposing	> 50dB
Return Loss	-18dB
Impedance	75Ω
Test Point	-20 ±3dB

RF OUTPUT

FREQUENCY RANGE

Fwd	54-1000MHz
Rev	5-42MHz

INSERTION LOSS

5-42MHz	1.8dB max
54-550MHz	28dB max
551-1000MHz	31dB max

FLATNESS

5-42MHz	±0.5dB
54-550MHz	±1.0dB
551-1000MHz	±1.5dB
Return Loss	-18dB
Impedance	75Ω
Test Point	-20 ±3dB

GENERAL

Dimensions	19" (L) x 12" (D) x 1.75" (H)
Weight	3.8 lbs.
Connectors	"F" type

Ordering Information

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