

### Description

VDSL CO Splitter is realized at LPF for separating the voice signal from cross-band of DSL data and voice signal transmitted through VDSL

### Features

- Requirement met : T1E1.4/ITU-T G.992.1

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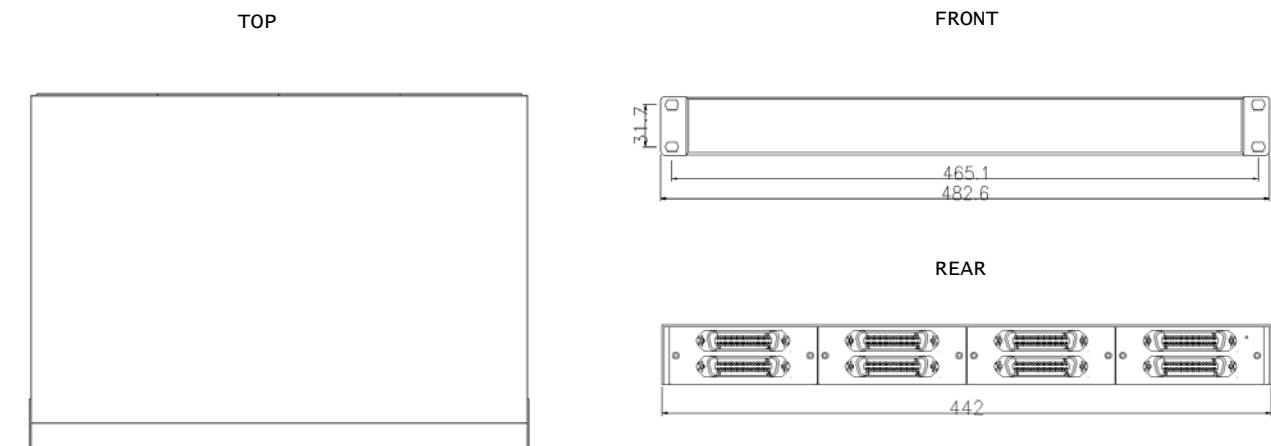
- Impedance Matching : 600Ω

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- 64 Ports per board

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### Dimensions



UNIT : mm

### Electrical Specifications

Test Item	Frequency	Specification
Insertion Loss	1.0kHz	<1.0dB
Voice Band Attenuation Distortion	0.2 ~ 3.4kHz	±1.0dB Max
	3.4 ~ 4.0kHz	
Delay Distortion	0.2 ~ 3.2kHz	<200μs
	3.2 ~ 4.0kHz	<250μs
Return loss	0.2 ~ 1.5kHz	>11dB
	1.5 ~ 2.0kHz	>10B
	2.0 ~ 3.4kHz	>9dB
Longitudinal Balance	0.2 ~ 1.0kHz	>58dB
	3.0kHz	>53dB
VDSL Band Insertion Loss	25 ~ 12,000kHz	>0.5dB
Isolation Resistance	Tip to Ring	10MΩ 1in
	Tip to Ground	1MΩ 1in
	Ring to Ground	
DC Resistance	Tip to Ring	40Ω 1ax