

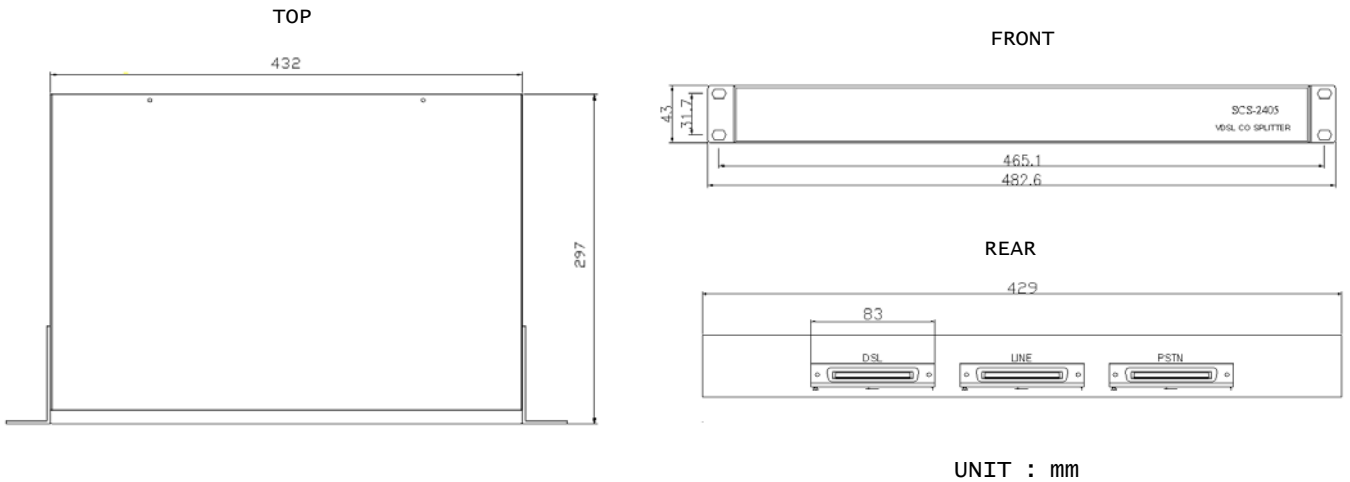
### Description

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
- Impedance Matching : 600Ω
- 24 Ports per board

### Dimensions



### Electrical Specifications

Test Item	Frequency	Specification
Insertion Loss	1.0kHz	<0.5dB
Voice Band Attenuation Distortion	0.2 ~ 3.4kHz	±1.5dB Max
	3.4 ~ 4.0kHz	±2.0dB Max
Delay Distortion	0.2 ~ 3.2kHz	<100μs
	3.2 ~ 4.0kHz	<125μs
Return loss	0.2 ~ 1.5kHz	>8dB
	1.5 ~ 2.0kHz	>5dB
	2.0 ~ 3.4kHz	>5dB
Longitudinal Balance	0.2 ~ 1.0kHz	>58dB
	3.0kHz	>53dB
VDSL Band Insertion Loss	25 ~ 12,000kHz	>0.5dB
VDSL Band Attenuation Distortion	25 ~ 12,000kHz	±0.4dB Max
Isolation Resistance	Tip to Ring	5MΩ 1in
	Tip to Ground	5MΩ 1in
	Ring to Ground	5MΩ 1in
DC Resistance	Tip to Ring	25Ω 1ax