

### Description

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

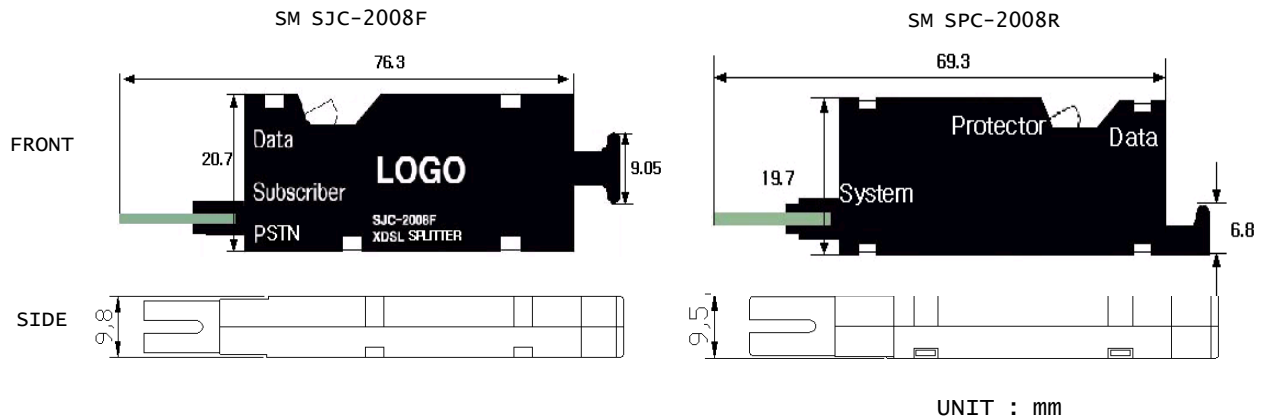
; can be improved a range of function and space with inserting a Plug type splitter directly into inside the Terminal block at MDF

; The length of cable between splitter and protector can be cut to use with proper length.

### Features

- Requirement met : ITU-T G.992.1 / ITU-T G.992.3 / ITU-T G.992.5 / T1E1.4
- Impedance Matching : 600Ω
- Easy to Install and save space
- Vary sort of cable length between splitter and Protector
- 50Mbps rate

### Dimensions



### Electrical Specifications

Test Item	Frequency	Specification
Insertion Loss	1.004kHz	<1.0dB
Voice Band Attenuation Distortion	0.2 ~ 3.4kHz	±1.5dB Max
	3.4 ~ 4.0kHz	±2.0dB Max
Delay Distortion	0.2 ~ 3.2kHz	<200μs
	3.2 ~ 4.0kHz	<250μs
Return loss	0.2 ~ 3.4kHz	>8dB
Longitudinal Balance	0.2 ~ 1.0kHz	>58dB
	3.0kHz	>53dB
VDSL Band Attenuation	25 ~ 12,000kHz	>65dB
VDSL Band Insertion Loss	25 ~ 12,000kHz	<0.35dB
VDSL Band Insertion Loss Distortion	25 ~ 12,000kHz	±0.4dB Max
VDSL Band Return Loss	25 ~ 12,000kHz	13dB Min
Isolation Resistance	Tip to Ring	10MΩ 1in
	Tip to Ground	1MΩ 1in
	Ring to Ground	1MΩ 1in
DC Resistance	Tip to Ring	25Ω 1ax