

■DESCRIPTION

The VS-910RS Substation Interface Unit is used to connect the Full-Duplex Substation by way of 2 sets of twisted pair cables. Up to 16 Full-Duplex Substations can be connected per unit. The VS-910RS has 2 speech paths, either of which can be used for substation paging.

■SPECIFICATIONS

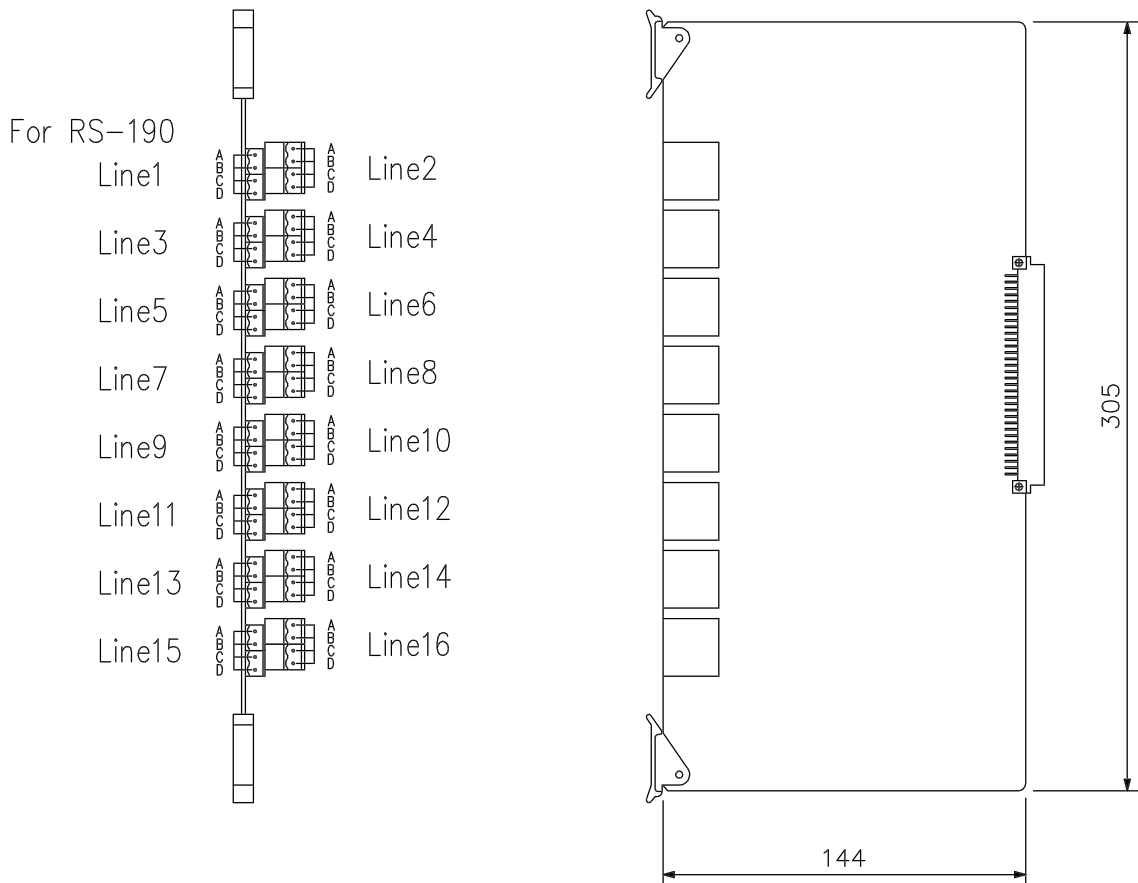
* 0 dB = 1 V

Power Source	5 V DC, 24 V DC (supplied from the main frame)
Current Consumption	5 V DC: 200 mA 24 V DC: 600 mA (maximum during normal use), 1.5 A (maximum when 16 lines are simultaneously shorted)
Number of Lines	Substation 16 lines
Number of Links	2 links (one of 2 links is also used as a Paging Link.)
Conversation Method	Full-duplex conversation or Half-duplex conversation by voice-operated switch
Audio Output	Maximum 1 W per substation
Supply Power	Maximum 20 V/30 mA per substation
Control System	Two-way dial pulse width system (call, restoration, external control, etc.) by current loop
Connection Terminal	Main frame connection side: DIN connector (64-pin, male) Substation connection side: 4-pin X 16
Connection Monitoring Function	Line connection detection, line short circuit/open circuit/failure detection, and communication irregularity detection
Operating Temperature	0°C to +40°C
Weight	700 g
Accessory	Connector (4-pin)1

Maximum cable distance

Cable Type	AWG24 (ø0.52 mm)	AWG22 (ø0.65 mm)	AWG20 (ø0.82 mm)
Distance	1 km	1.5 km	2 km

■APPEARANCE



UNIT:mm SCALE:1/3