

DESCRIPTION

The VS-900RS is an Interface Card to be used for connecting substations with 2-cored shielded cables. Up to 16 substation can be connected per card. The Substation Interface Card has 2 speech links, one of which also functions as a paging link, with the paging input/output connected to an external amplifier.

SPECIFICATIONS

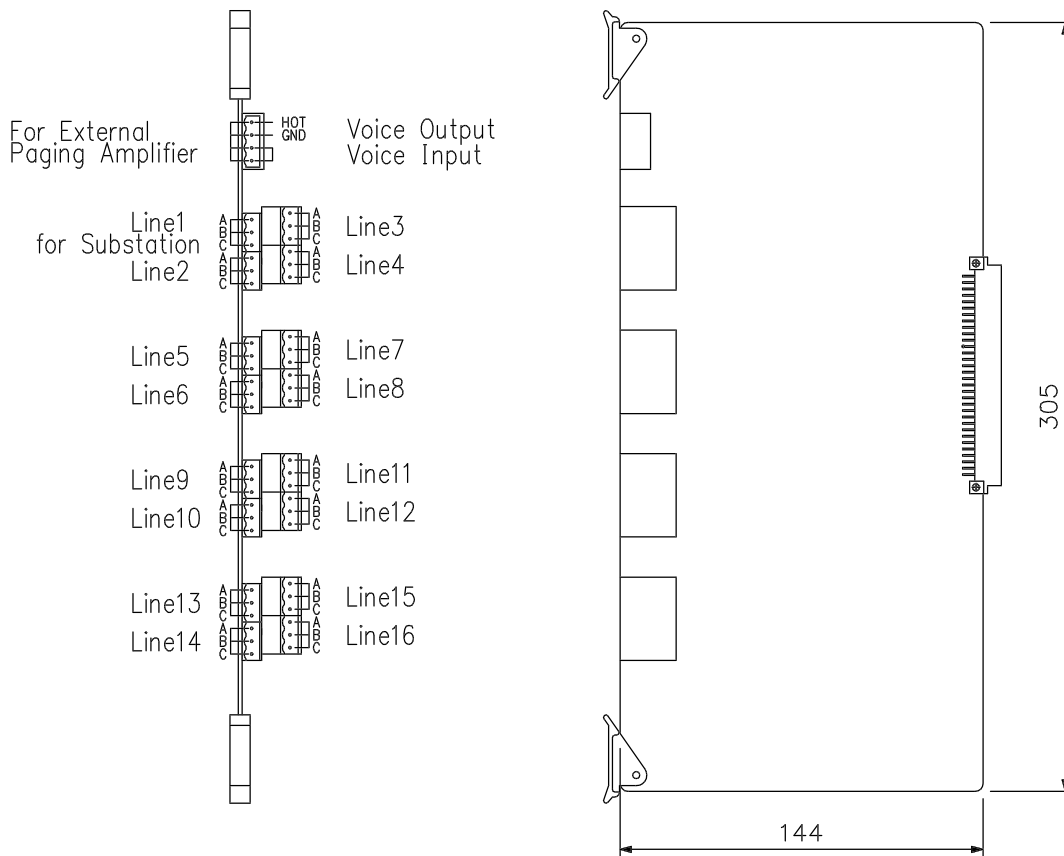
* 0 dB = 1 V

Power Source	5 V DC, 24 V DC (supplied from the main frame)
Current Consumption	200 mA (5 V DC), 600 mA (24 V DC)
Number of Lines	Substation 16 lines
Number of Links	2 links (one of 2 links is also used as a Paging Link.)
Paging Output	-20 dB*, 1 kΩ, unbalanced
Paging Input	25 V line, balanced
Conversation Method	Half-duplex conversation by voice-operated switch or simplex conversation by PTT switch
Audio Output	Maximum 1 W per substation
Supply Power	Maximum 15 V/20 mA per substation
Other	Call button detection function and speech link control function
Connection Terminal	Main frame connection side: DIN connector (64-pin, male) Substation connection side: Two-core shielded cable (3-pin) × 16 Paging output/paging input: 4-pin
Operating Temperature	0°C to +40°C
Weight	550 g
Accessory	Connector (3-pin)16, Connector (4-pin)1

Maximum cable distance

Cable Type	AWG24 (ø0.52 mm)	AWG22 (ø0.65 mm)	AWG20 (ø0.82 mm)
Distance	0.5 km	0.8 km	1.3 km

APPEARANCE



UNIT:mm SCALE:1/3