

1 DESCRIPTION

1.1 General Information

1.1.1 Designation

The units bear the designations "Antenna Multicoupler V 1275 H" or "Antenna Multicoupler V 1275 H-P".

1.1.1.1 Available Versions

The Antenna Multicouplers V 1275 H and V 1275 H-P are constructed as table unit or as 19" drawer unit.

Single unit V 1275/1 H: 1 input, 12 outputs

19" Combination V 1275/3 H

or V 1275/3 H-P: 3 inputs with 12 outputs each, or 1 input, 34 outputs
(cascaded connection)

The frequency range can be extended to 1 MHz ÷ 30 MHz.

1.1.2 Possible Utilization

The Antenna Multicoupler V 1275 H is intended for use in commercial radio receiver equipments, for connecting several receivers to a common antenna or antenna system without losses and without wave reflections.

The Antenna Multicoupler V 1275/3 H-P is suitable for connecting direction finders. For this purpose, the multicouplers are matched by the manufacturer against a reference unit, such that the phase/frequency and gain/frequency characteristics mutually differ by only a very small amount.

1.1.3 General Description

(See front view, Annex 1 and Fig. B 01)

The following specifications for the V 1275 H are valid too for the V 1275 H-P.

The Antenna Multicoupler V 1275 H consists of a tabletop cabinet or a 19" drawer unit, in which are inserted the modular assemblies "Power Supply SV 1275" and "Amplifier-Multicoupler VT 1275 H". The 19" drawer unit can accommodate up to three amplifier-multicoupler units, which are then powered jointly by the power supply module. The amplifier-multicoupler units are connected to the power supply module inside the carrier frame, via plug connectors. All external connectors, manual control and indicator elements, as well as the fuses, are located on the front panels of the modular units.