

DS13A series Digital TV Signal Generator

--- High performance series ---

General

The Digital TV Signal Generator DS13A series covers all main digital terrestrial and CATV standards. It succeeds the performance of DS303B series with attractive price. It realizes a complete centralized signal generator system solution for production.

The 7 models line-up of DS13A is 4 kinds of terrestrial digital broadcasting standards and 3 kinds of digital CATV standards to match your condition.

Features

- ◆ Supports terrestrial digital TV broadcasting systems in worldwide
- ◆ The DS13A series is consists of the TS SG Unit, Modulation Unit and Up Converter Unit, and a compact case.
- ◆ Noise signal can be added. (C/N 0.0 to 30.0dB, 0.1dB step)
- ◆ BER (Bit Error Rate) measurement is available. (DTTB, DMB-TH, ATSC, ISDB-T, DVB-T)
- ◆ If a power amplifier (optional RA series) is added to the DS13A, a centralized TV signal generator system can be established.



Model	Broadcasting Systems	Regions	Standards	Note
DS13A1	ISDB-T Terrestrial Digital Broadcasting	Japan	ARIB STD-B31	Includes One Segment Broadcasting
DS13A2	DVB-T Terrestrial Digital Broadcasting	Europe	ETSI EN 300744	
DS13A3	ATSC Terrestrial Digital Broadcasting SCTE Digital CATV	North America	ATSC Standard A/53 ANSI/SCTE 07 ITU-T Recommendation J.83 Annex B	
DS13A4	DMB-TH Terrestrial Digital Broadcasting	China	GB20600-2006 (*)	Multi carrier
DS13A5	ISDB-C Digital CATV	Japan	ITU-T Recommendation J.83 Annex C	
DS13A6	DVB-C Digital CATV	Europe	ETSI EN 300429 ITU-T Recommendation J.83 Annex A	
DS13A7	DTTB Terrestrial Digital Broadcasting	China	GB20600-2006 (*)	Single/Multi carrier

* GB20600-2006 China terrestrial digital broadcasting standards by SAC (Standardization Administration of China) issued in August 2006

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