

# DS13C series Digital TV Signal Generator

NEW

--- High performance series ---

## General

The Digital TV Signal Generator DS13C series covers all main digital terrestrial and CATV standards. It succeeds the performance of DS303C series with attractive price. It realizes a complete centralized signal generator system solution for production.

The 6 models line-up of DS13C 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 DS13C 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, ATSC, ISDB-T, DVB-T)

If a power amplifier (optional RA series) is added to the DS13C, a centralized TV signal generator system can be established.



Model	Broadcasting Systems	Regions	Standards	Note
DS13C1	ISDB-T Terrestrial Digital Broadcasting	Japan	ARIB STD-B31	Includes One Segment Broadcasting
DS13C2	DVB-T Terrestrial Digital Broadcasting	Europe	ETSI EN 300744	
DS13C3	ATSC Terrestrial Digital Broadcasting SCTE Digital CATV	North America	ATSC Standard A/53 ANSI/SCTE 07 ITU-T Recommendation J.83 Annex B	
DS13C5	ISDB-C Digital CATV	Japan	ITU-T Recommendation J.83 Annex C	
DS13C6	DVB-C Digital CATV	Europe	ETSI EN 300429 ITU-T Recommendation J.83 Annex A	
DS13C7	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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