

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

J.383

(01/2019)

SERIES J: CABLE NETWORKS AND TRANSMISSION
OF TELEVISION, SOUND PROGRAMME AND OTHER
MULTIMEDIA SIGNALS

Digital transmission of television signals - Part 3

Conversion of type length value packet and transport stream for advanced cable transmission systems

Recommendation ITU-T J.383

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Conversion of type length value packet and transport stream for advanced cable transmission systems

Summary

Recommendation ITU-T J.383 describes the conversion schemes of the data structures defined in Recommendation ITU-R BO.2098-0 for cable television systems on the basis of Recommendation ITU-T J.382.

Recommendation ITU-R BO.2098-0 specifies two data structures, MPEG-2 TS and TLV. MPEG-2 TS data packets are directly transmitted while any transmission control signals and service information are transmitted using a descriptor specified in ETSI TS 102 991. TLV packets are not directly transmitted in a TLV format but converted to the GSE 6 packet format specified in Recommendation ITU-T J.382.

The emergency warning system control signal specified in Recommendation ITU-R BO.2098-0 is also converted into physical layer signalling specified in Recommendation ITU-T J.382, to wake up the receiver when the emergency warning system is activated.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T J.383	2019-01-13	9	11.1002/1000/13836

* To access the Recommendation, type the URL <http://handle.itu.int/> in the address field of your web browser, followed by the Recommendation's unique ID. For example, <http://handle.itu.int/11.1002/1000/11830-en>.

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