

Castel San Pietro Terme, 29 June 2012

Nemko Canada Inc.
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FCC ID: XM2-DFE

Product Name: Donor Front End

MODEL DIFFERENCE LETTER

Digital Donor Front-End equipment is a single band interface towards a Donor antenna.

Each Digital Donor Front-End equipment is composed by:

- a module for down-link direction, the input connector is linked to donor antenna and the output connector can be linked to a high power amplifier or to an optical system (but not to an antenna);
 - a module for up-link direction, the input connector can be linked to an optical system (but not to an antenna) and the output connector is linked to a donor antenna;
- these modules work at the same time and they can not be separated.

Each Digital Donor Front-End works on different band.

All equipment are similar because have the same mechanical characteristics, the same electrical characteristics and the same RF performance. Only the components that determine the characteristics of the filter change.

TEKO TELECOM CODE	UPLINK OPERATING FREQUENCY BAND	DOWNLINK OPERATING FREQUENCY BAND	Modulation
TDFE-7SL	698 ÷ 716MHz	728 ÷ 746 MHz	LTE (QAM, QPSK)
TDFE-7SH	776 ÷ 787MHz	746 ÷ 757 MHz	LTE (QAM, QPSK)
TDFE-8S	806 ÷ 824 MHz	851 ÷ 869 MHz	iDEN
TDFE-8A	824 ÷ 849 MHz	869 ÷ 894 MHz	GSM-EDGE-TDMA-CDMA-WCDMA-LTE (QAM, QPSK)
TDFE-9S	896 ÷ 902 MHz	935 ÷ 941 MHz	iDEN
TDFE-19	1850 ÷ 1915 MHz	1930 ÷ 1995 MHz	GSM-EDGE-TDMA-CDMA-WCDMA-LTE (QAM, QPSK)
TDFE-AW	1710 ÷ 1755 MHz	2110 ÷ 2155 MHz	CDMA-WCDMA-LTE (QAM, QPSK)



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Dated 29 June 2012

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