NP100

100 products in 18 months

T.OX

F.O. TRANSMITTER & RECEIVER

REF. 2333 & 2335

They are modules that convert the RF signal processed by a headend (87 - 2150MHz), into an optical signal for distribution through fiber. Subsequently, this signal is converted back to RF for adaptation to a coaxial distribution network.

- **High energy efficiency**.
- **High power Optical Transmitter** (4mW).
- **Control of RF levels** to optimize the quality parameters in the optical transmission.
- **Monitoring the optical signal** emitted and received with alarm activation.
- **Multi window Receiver** (1200 - 1600nm).
- **Receiver with high RF output power** (114dBµV in MATV and 117dBµV in IF).

REF	DESCRIPTION	EAN 13 CODE
2333	FO Transmitter without Return CH.	8424450147184
2335	FO Receiver without Return CH.	8424450147603

NP100
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SIGNAL DISTRIBUTION THROUGH OPTICAL FIBER

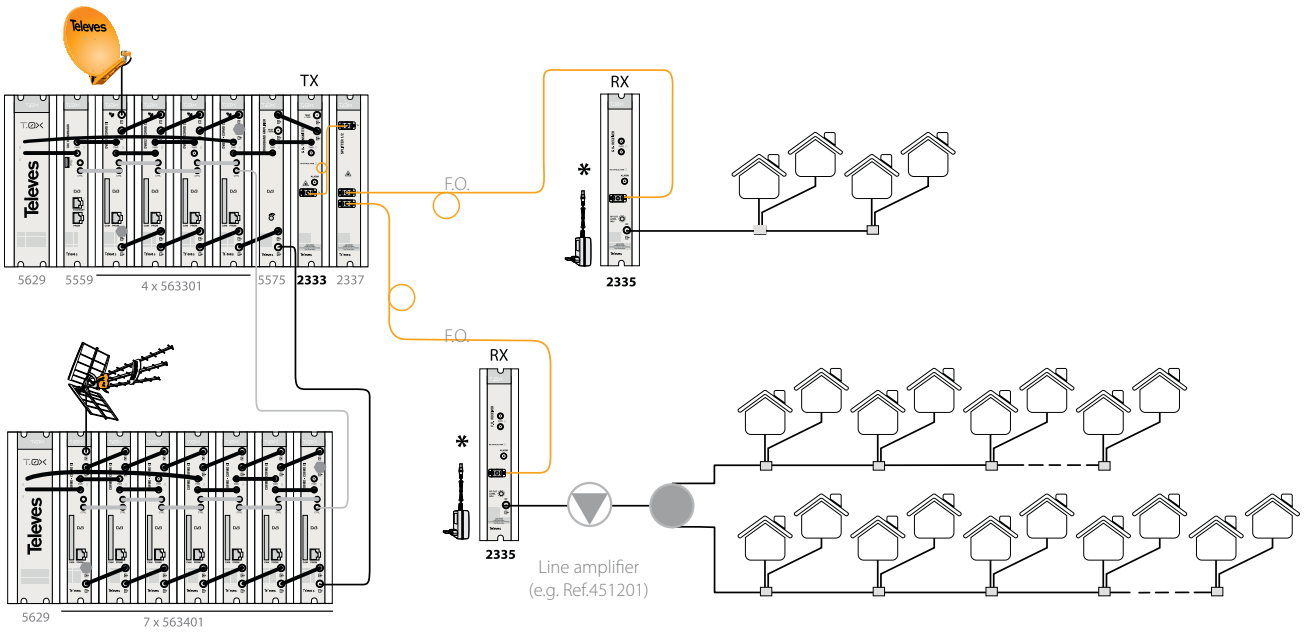
LOW EQUIVALENT NOISE AND HIGH OPTICAL POWER.
OPTIMAL DISTRIBUTION OF TELEVISION SIGNALS (SMATV) IN OPTICAL FIBER NETWORKS

TECHNICAL SPECIFICATIONS

Reference			2333
INPUT	Input frequency	MHz	87 - 2150
	Max. MATV input level DIN 45004B	dBµV	102
	Max. SAT IF input level DIN VDE0885/12		107
	Equivalent input noise at 807 MHz	dBm/Hz	-150,7
	Equivalent input noise at 2GHZ		-145,8
	Regulation margin	dB	0 - 18
OUTPUT	Wavelength	nm	1310
	Max. optical power emitted	dBm	6
	Optical connector		SC/APC
GENERAL	Powering	Vdc	12 - 24
	Consumption at 24Vdc	mA	105
	Protection index	dBm	6
	Dimensions (W x H x D)	mm	50 x 216 x 175

Reference			2335
INPUT	Wavelength	nm	1200 - 1600
	Detection bandwidth	MHz	1 - 3000
	Optical connector		SC/APC
OUTPUT	Output frequency	MHz	87 - 2150
	Max. MATV output level DIN45004B	dBµV	114
	Max. SAT IF output level DIN VDE0885/12		117
	Regulation margin	dB	0 - 18
GENERAL	Powering	Vdc	12 - 24
	Consumption at 24Vdc	mA	105
	Protection index	dBm	6
	Dimensions (W x H x D)	mm	50 x 216 x 175

TYPICAL APPLICATION



* PSU 15V / 800mA incluided with Ref.2335. It also can be used Ref. 5629.

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