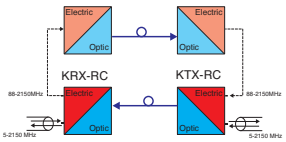
Optical transmitters and receivers with return channel

KTX-RC / KRX-RC

KTX-RC optical transmitter converts the return channel signal into an optical signal and mixes the TV-SAT signal. KRX-RC optical receiver converts the optical return path into electrical signal and demixes the TV-SAT signal.
SC/ACP connectors on the optical interface.

KTX-RC
KRX-RC



Item	Code	OPTICAL INTERFACE			RF SECTION							
		Wave length nm	Input power dBm	Output power dBm	Bandwidth MHz	Diplexer MHz	Return loss dB	Gain dB	Max. input level dBµV	Max. output level dBµV	Power consump. mA	Power supply V
KTX-RC	270671	1310±20	-	0	5-65	5-65/88-2150	>10	-24	96 (5-65MHz)*	-	160	12
KRX-RC	270672	1100-1600	-10 to 0	-	5-65	5-65/88-2150	>10	+28	-	93 (5-65MHz)*	90	12

* Set up level to have IM2 and IM3 <-47dBc with two tones as per specifications EUROINCSIG

Optical splitters

KSP.. and SIG76.. Series

KSP1_2 and SIG7622 split the optical signal into two outputs, KSP1_4 and SIG7624 into four outputs. These items can be installed anywhere in the distribution network without using a power supply.

KSP1_2
KSP1_4

SIG7622
SIG7624

Item	Code	OPTICAL INTERFACE					
		Wave length nm	No. of outputs	Insertion loss dB	Return loss dB	Isolation dB	Connectors type
KSP1_2	270679	1310, 1550	2	3.2	>45	>45	SC/ACP
KSP1_4	270680	1310, 1550	4	6.4	>45	>45	SC/ACP
SIG7622	270687	1310, 1550	2	3.2	>50	>50	SC/ACP
SIG7624	270688	1310, 1550	4	6.4	>50	>50	SC/ACP