Compact Return Path Optical Transmitter

Data Sheet

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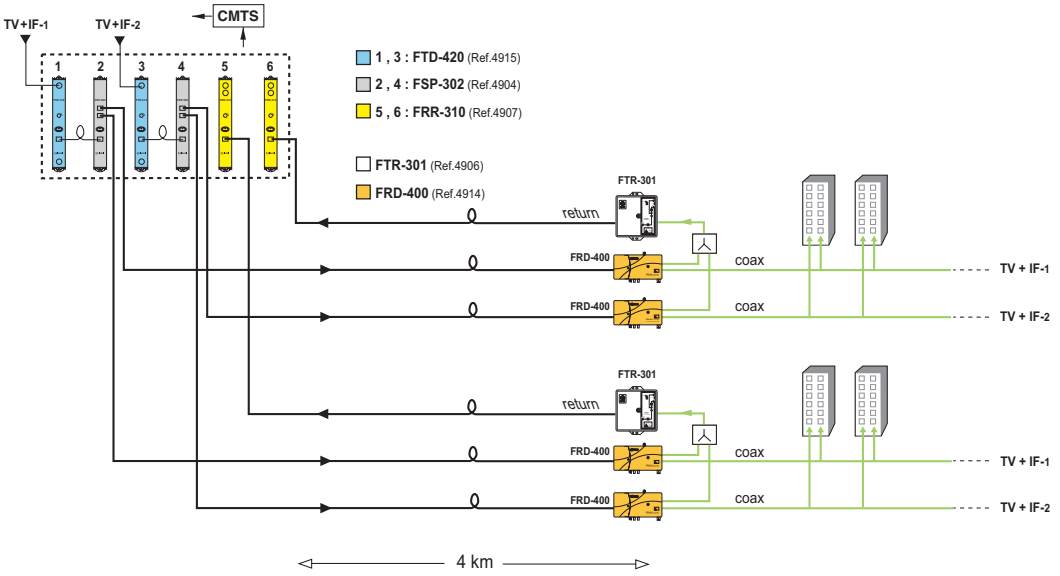
FTR301

REF. 4906

- 1 RF input 5-300 MHz , 1 optical output 1310 nm.
- Connection of singlemode type optical fibre.
- Application in two-way HFC networks that deliver data services to their subscribers (broadband internet access, VOD, IPTV, VoIP, etc.).

		FTR-301
Optical output power	mW	1 (0 dBm)
RF input bandwidth	MHz	5-300
Optical section		
Optical wavelength	nm	1310 (±20)
Relative intensity noise (RIN) of laser	dB/Hz	< -140
Optical output return loss	dB	> 55
Optical input connector type		SC/APC 8°
RF section		
RF input level	dBµV	75 — 90
RF flatness	dB	± 0,5
Optical Modulation Index (OMI) control	dB	-15 — 0
RF input impedance	Ω	75
RF input return loss	dB	> 15
RF input connector type		F
OMI adjustment test port connector type		F
General		
Mains voltage	VAC	230-240
Comsumption	W	5
Dimensions	mm	150 x 50 x 55



Application example.

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