



EKSELANS BY ITS

TRANSMITTER AND OPTICAL RECEIVER FOR 4 POLARITIES OF SATELLITE + TERR.

TO 4 ST • RO ST 44

- ✓ Excellent linearity and flatness.
- ✓ Single mode fiber high return loss
- ✓ Ultra Low Noise Technology
- ✓ Red LED for power indication
- ✓ It incorporates CWDM (TO 4 ST / RO ST 44), using high linearity PD (RO ST 44)
- ✓ Incorporates optical AGC (RO ST 44)
- ✓ DFB type laser (TO 4 ST)
- ✓ Compatible with quattro or quad type LNBs (TO 4 ST)
- ✓ Supports up to 16 RO 44 ST
- ✓ (TO 4 ST)



TO 4 ST



RO ST 44

TECHINICAL TABLE

REFERENCE		TO 4ST
Cocce		276001
User interface		
RF Connector		F-hembra
Optical connector		SC/APC
Power supply		F-hembra
Optical parameters		
Return loss	dB	≥ 45dB
Output wavelength	nm	1510 VL
		1530 HL
		1550 VH+Terr.
		1570 HH
Responsiveness	A/W	≥ 0.9
Output power per λ	dBm	+3
Fiber optic type		Monomodo
Terr parameters + Sat-IF		
Input impedance	Ω	75
Terr. Frequency range	MHz	47~860
Terr. Curly	dB	± 0.75
Terr. input level	dBμV	65-85
Terr. Return loss	dB	≥ 14
Sat-IF frequency range	MHz	950~2150
Sat-IF return loss	dB	≥ 10dB
Planitud Sat-IF	dB	± 1.5
Sat-IF input level	dBμV	65-85
LNB power	V/KHz	13-18/0-22
Other parameters		
Power supply	Vdc	20 (Incluida)
Power consumption	W	< 10

REFERENCE		RO ST 44
Cocce		276003
User interface		
RF Connector		F-hembra
Optical connector		SC/APC
Power supply		F-hembra
Optical parameters		
Pérdidas de retorno	dB	≥ 45dB
Return loss	nm	1510 VL
		1530 HL
		1550 VH+Terr.
		1570 HH
Responsiveness	A/W	≥ 0.9
Input power per λ	dBm	-15~3
	dBm	-7~2 AGC
Fiber optic type		Monomodo
Terr parameters + Sat-IF		
Input impedance	Ω	75
Terr. Frequency range	MHz	47~860
Terr. Curly	dB	± 0.75
Terr. input level	dBμV	≥ 80 AGC
Terr. Return loss	dB	≥ 14
CNR	dB	≥ 50
CSO	dB	≥ 62 (*)
CTB	dB	≥ 65 (*)
Sat-IF frequency range	MHz	950~2150
Sat-IF return loss	dB	≥ 10dB
Planitud Sat-IF	dB	± 1.5
Sat-IF input level	dBμV	75 ± 5 AGC
AGC stability	dB	± 1
Other parameters		
Power supply	Vdc	20 (Incluida)
Power consumption	W	< 10

(*) Test conditions: -1dBm of input power, 1550nm 3.8% IMO at 59Ch Pal-D