

TRIAX® Universal Quattro LNB

for MATV/SMATV installations.

Type:	CS 400 QT RAL 7035	THQT 001	TIQT 001 Slim Line, RAL 7035	TQT 006 RAL 7035	TQT 007 RAL 7016
Art. no.	350044	304486	304477	304446	304449
CHARACTERISTICS					
Phase noise @ 1 kHz	- 50dBc/Hz		- 50dBc/Hz	- 50dBc/Hz	- 50dBc/Hz
Phase noise @ 10 kHz	- 75dBc/Hz		- 75dBc/Hz	- 75dBc/Hz	- 75dBc/Hz
Phase noise @ 100 kHz	- 95dBc/Hz		- 95dBc/Hz	- 95dBc/Hz	- 95dBc/Hz
Spurious level	- 60(max.)dBm		- 60(max.)dBm	- 60(max.)dBm	- 60(max.)dBm
Image rejection (min.)	40dB		40dB	40dB	40dB
Feedhorn F/D @ 11.7	0.615		0.615	0.615	0.615
LO temperature drifting					
Frequency stability (-40 ~ +60 °C)	± 2.1:1MHz		± 2.1:1MHz	± 2.1:1MHz	± 2.1:1MHz
Switching position	nonenone		nonenone	nonenone	nonenone
Switching low band	0.0kHz		0.0kHz	0.0kHz	0.0kHz
Switching high band	22 (± 4)kHz		22 (± 4)kHz	22 (± 4)kHz	22 (± 4)kHz
FREQUENCY					
Output frequency high band	1100 - 2150GHz	1100 - 2150GHz	1100 - 2150GHz	1100 - 2150GHz	1100 - 2150GHz
Output frequency low band	950 - 1950GHz	950 - 1950GHz	950 - 1950GHz	950 - 1950GHz	950 - 1950GHz
LO frequency high band	10.6GHz	10,6GHz	10.6GHz	10,6GHz	10.6GHz
LO frequency low band	9.75GHz	9,75GHz	9.75GHz	9,75GHz	9.75GHz
Input frequency high band	11.7-12.75GHz	11,7-12,75GHz	11.7-12.75GHz	11.7-2.75GHz	11.7-12.75GHz
Input frequency low band	10.7-11.7GHz	10,,7-1,7GHz	10.7-11.7GHz	10.7-11.7GHz	10.7-11.7GHz
GAIN					
Gain flatness (across 26 MHz segm)	± 1.0 (typ.)dB		± 1.0 (typ.)dB	± 1.0 (typ.)dB	± 1.0 (typ.)dB
Gain variation (over operating band)	5 p-p (typ.)		5 p-p (typ.)	5 p-p (typ.)	5 p-p (typ.)
Conversion gain (max.)		76dB	64dB	64dB	64dB
Conversion gain (min.)			50dB	50dB	50dB
Conversion gain (typ.)	56dB	58dB	dB	dB	dB
Noise figure max.	0.3dB		0.3dB	0.3dB	0.3dB
ISOLATION					
Cross pol. isolation	20 typ.dB		25 typ.dB	25 typ.dB	25 typ.dB
OPERATIONAL					
AC Supply voltage	VAC	VAC	VAC	VAC	VAC
DC Operating voltage	10.5...21.0VDC	10,5...21VDC	10.5...21.0VDC	10.5...21.0VDC	10.5...21.0VDC
DC Current Cons. (typ.)	160mA	190mA	190mA	190mA	190mA
Operating volt. vertical					
Operating volt. horizontal					
Operating temp. range	-40 ~ +60°C	-40 - 60°C	-40 ~ +60°C	-40 ~ +60°C	-40 ~ +60°C
CONNECTORS					
Connector Type	F-female	F-female	F-female	F-female	F-female
MECHANICAL					
Packing QTY	50		50	50	50
Max. depth incl. feedhorn	135mm		135mm	135mm	135mm
Colour	RAL 7035		RAL 7035	RAL 7035	RAL 7016
Diameter	Ø 40mm		Ø 40mm	Ø 40mm	Ø 40mm
Height (mm)	137mm		137mm	137mm	137mm
Depth (mm)	97mm		97mm	97mm	97mm
Width (mm)	59mm		59mm	59mm	59mm
Weight (kg)					

TERRESTRIAL
RECEPTION

SATELLITE
& FIBRE
RECEPTION

CABLE TV
(CATV)

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CAS SYSTEM
MODULATORS

CABLES &
CONNECTORS

OUTLETS
TAPS & SPLITTER

INHOUSE
CONNECTIVITY

SURVEILLANCE
(CCTV)

INSTRUMENTS
TOOLS &
CABINETS

TECHNICAL
APPENDIX