

TRIAX® Universal Octo LNB

for MATV/SMATV installations.

Type:	CS 408 OS RAL 7035	TOO 001 RAL 7035	TOT 003 RAL 7016
Art. no.	350045	304401	304448
CHARACTERISTICS			
Phase noise @ 1 kHz	- 50dBc/Hz	- 50dBc/Hz	- 50dBc/Hz
Phase noise @ 10 kHz	- 75dBc/Hz	- 75dBc/Hz	- 75dBc/Hz
Phase noise @ 100 kHz	- 95dBc/Hz	- 95dBc/Hz	- 95dBc/Hz
Spurious level	- 60 (max.)dBm	- 60 (max.)dBm	- 60 (max.)dBm
Image rejection (min.)	40dB	40dB	40dB
Feedhorn F/D @ 11.7	0.615	0.615	0.615
Frequency stability (-40 ~ +60 °C)	± 2.1:1MHz	± 2.1:1MHz	± 2.1:1MHz
Switching position	nonenone	nonenone	nonenone
Switching low band	0.0kHz	0.0kHz	0.0kHz
Switching high band	22 (± 4)kHz	22 (± 4)kHz	22 (± 4)kHz
FREQUENCY			
Output frequency high band	1100 - 2150GHz	1100 - 2150GHz	1100 - 2150GHz
Output frequency low band	950 - 1950GHz	950 - 1950GHz	950 - 1950GHz
LO frequency high band	10.6GHz	10.6GHz	10.6GHz
LO frequency low band	9.75GHz	9.75GHz	9.75GHz
Input frequency high band	11.7 - 12.75GHz	11.7 - 12.75GHz	11.7 - 12.75GHz
Input frequency low band	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
Gain variation (over operating band)	5 p-p (typ.)	5 p-p (typ.)	5 p-p (typ.)
Conversion gain (max.)		50dB	50dB
Conversion gain (min. at room temperature)		62dB	62dB
Conversion gain (typ.)	56dB		
Noise figure max.	0.3dB	0.6dB	0.3dB
ISOLATION			
Cross polarization isolation	25 typ.dB	25 typ.dB	25 typ.dB
OPERATIONAL			
DC Current consump. (typ.)	140mA	180mA	180mA
Operating voltage vertical	15.5 ~ 21.0V/DC	15.5 ~ 21.0V/DC	15.5 ~ 21.0V/DC
Operating voltage horizontal	10.5 ~ 14.5V/DC	10.5 ~ 14.5V/DC	10.5 ~ 14.5V/DC
Operating temperature range	-40 ~ +60°C	-40 ~ +60°C	-40 ~ +60°C
Temperature range	°C	°C	°C
CONNECTORS			
Connector Type	F-female	F-female	F-female
MECHANICAL			
Packing QTY	30	1	50
Max. depth incl. feedhorn	135mm	135mm	135mm
Colour	RAL 7035	RAL 7035	RAL 7016
Diameter	Ø 40mm	Ø 40mm	Ø 40mm
Height (mm)	137mm	137mm	137mm
Depth (mm)	97mm	97mm	97mm
Width (mm)	59mm	59mm	59mm
Weight (kg)	0.134	0.282	0.155

TERRESTRIAL
RECEPTION

SATELLITE
& FIBRE
RECEPTION

CABLE TV
(CATV)

HEADENDS
CAS SYSTEM
MODULATORS

CABLES &
CONNECTORS

OUTLETS
TAPS & SPLITTER

INHOUSE
CONNECTIVITY

SURVEILLANCE
(CCTV)

INSTRUMENTS
TOOLS &
CABINETS

TECHNICAL
APPENDIX