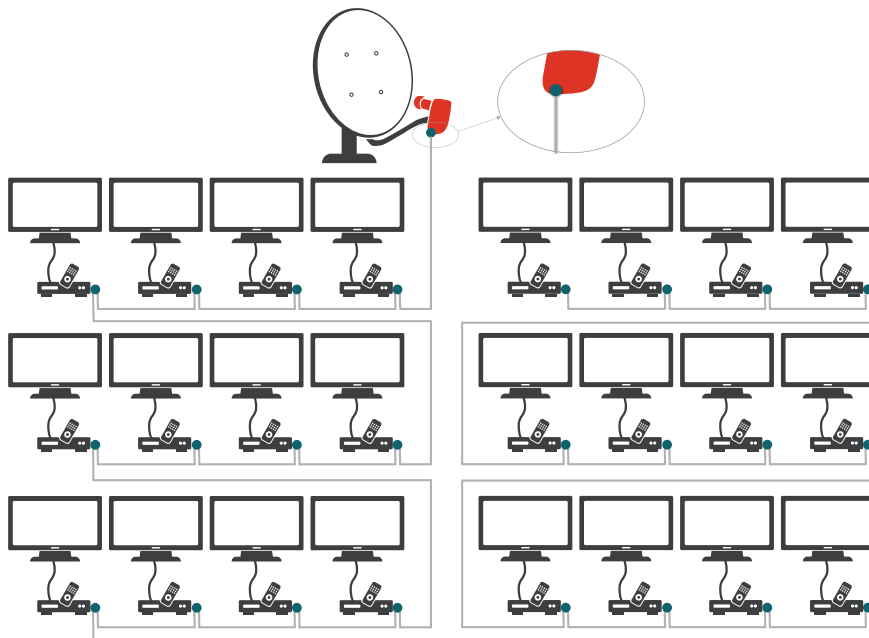


# TRIAX® Single Cable Router LNB

the standard for single cable distribution

## dCSS LNB



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

Type:	TSC 001 Single Cable Router LNB - 1 SCR output	TSC 002 Single Cable Router LNB - 1 SCR output, 2 universal outputs	TSI - dCSS Single Cable Router 1 SCR output
Art. no.	304460	304461	304463
<b>CHARACTERISTICS</b>			
Phase noise @ 10 kHz	- 80dBc/Hz	- 80dBc/Hz	- 80dBc/Hz
Image rejection (min.)	40dB	40dB	40dB
Output VSWR	2,5 : 1	2,5 : 1	2,3 : 1
<b>FREQUENCY</b>			
Output frequency band	950 ~ 2000GHz	950 ~ 2150GHz	950 ~ 2150GHz
LO frequency high band	10,6GHz	10,6GHz	
LO frequency low band	9,75GHz	9,75GHz	10,4GHz
Input frequency high band	11,7-12,75GHz	11,7-12,75GHz	
Input frequency low band	10,7-11,7GHz	10,7-11,7GHz	10,7-12,75GHz
<b>GAIN</b>			
Gain variation (over operating band)	+/- 0,75	+/- 0,75	
Conversion gain (max.)	60dB	60dB	63-73 (5 or more users)dB
Conversion gain (min.)	50dB	50dB	53-63 (4 or less users)dB
Noise figure max.	0.8dB	dB	0.8dB
<b>ELECTRICAL</b>			
Impedance	75Ω	75Ω	75Ω
<b>OPERATIONAL</b>			
AC Supply voltage	VAC	VAC	10.5 - 21.0VAC
DC Current Cons. (typ.)	mA	mA	350mA
Operating temperature range	°C	°C	-40...-60°C
<b>CONNECTORS</b>			
Connector Type	F-female	F-female	F-female
<b>MECHANICAL</b>			
Packing QTY	1	1	1
Colour	RAL 7035	RAL 7035	
Diameter	Ø 40mm	Ø 40mm	
Weight (kg)	0.134	0.282	