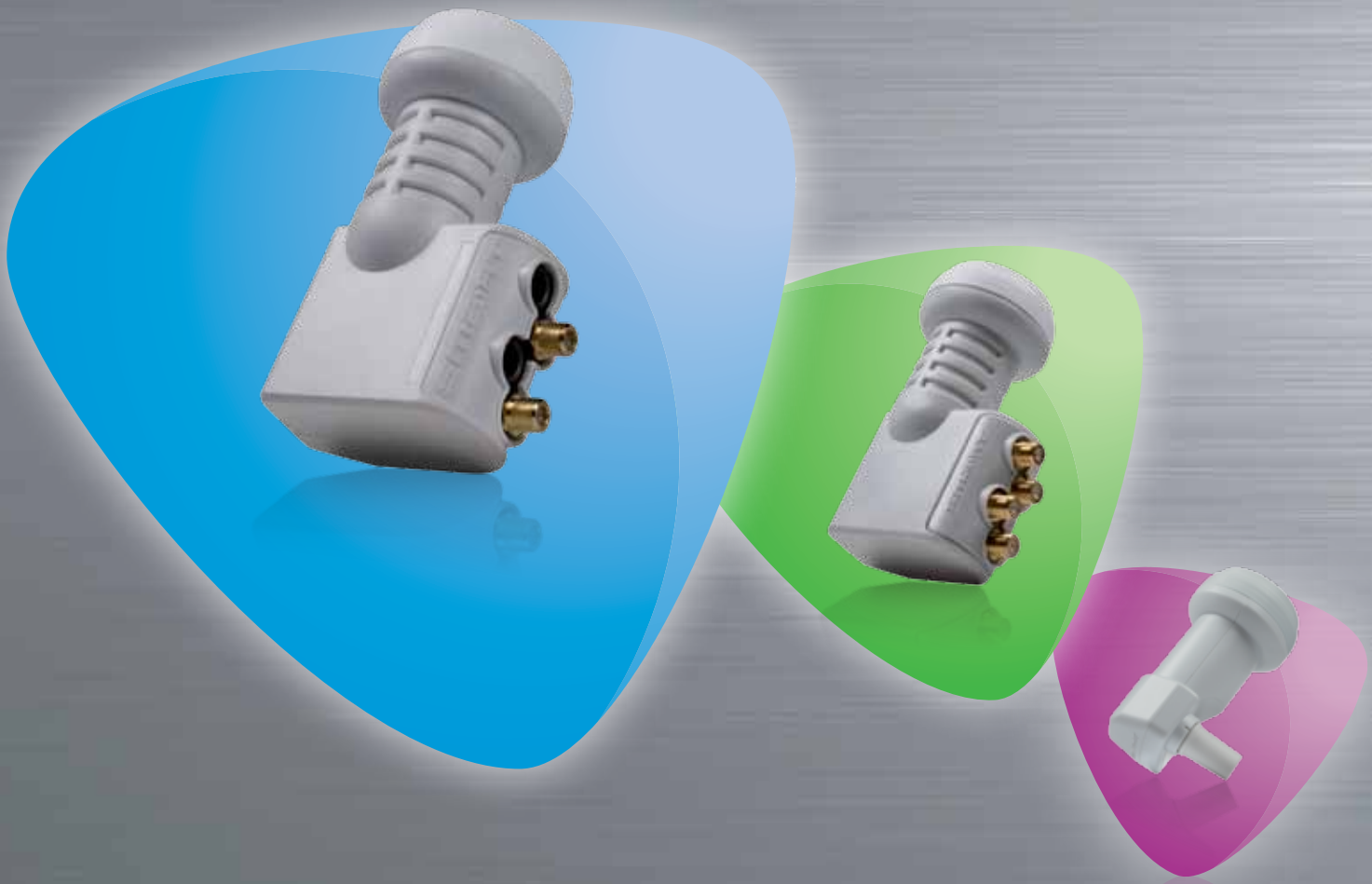


LNB Edition 2019

SMART®
ENJOY YOUR ENTERTAINMENT

LNB Titanium Edition

	Artikel Nr. *Article No.*	Beschreibung *Description*	
	20.0007	**Universal single TS** Control Signal Ca Vertikal 11,0 ~ 14,2 V Control Signal Cb Horiz. 15,5 ~ 21 V Control Signal Cc Band 22 +/- 4 kHz Power Consumption max. 110 mA Conversion Gain 50 dB Working Temperature -40 ~ +60 °C Connection F-type	TITANIUM FULL HD 1080p GOLD GOLD-KONTAKT SAFE Weatherproof Wetterschutzgehäuse
	20.0008	**Universal Twin TT** Control Signal Ca Vertikal 11,0 ~ 14,2 V Control Signal Cb Horiz. 15,5 ~ 21 V Control Signal Cc Band 22 +/- 4 kHz Power Consumption max. 200 mA Conversion Gain 50 dB Working Temperature -40 ~ +60 °C Connection F-type	TITANIUM FULL HD 1080p GOLD GOLD-KONTAKT SAFE Weatherproof Wetterschutzgehäuse
	20.0009	**Universal Quatro - TQ** Control Signal Ca Vertikal - Control Signal Cb Horiz. - Control Signal Cc Band - Power Consumption max. 200 mA Conversion Gain 50 dB Working Temperature -40 ~ +60 °C Connection F-type	TITANIUM FULL HD 1080p GOLD GOLD-KONTAKT SAFE Weatherproof Wetterschutzgehäuse
	20.0010	**Universal Quad Switch TQS** Control Signal Ca Vertikal 11,0 ~ 14,2 V Control Signal Cb Horiz. 15,5 ~ 21 V Control Signal Cc Band 22 +/- 4 kHz Power Consumption max. 200 mA Conversion Gain 50 dB Working Temperature -40 ~ +60 °C Connection F-type	TITANIUM FULL HD 1080p GOLD GOLD-KONTAKT SAFE Weatherproof Wetterschutzgehäuse
	20.0011	**Universal Octo Switch TO** Control Signal Ca Vertikal 11,0 ~ 14,2 V Control Signal Cb Horiz. 15,5 ~ 21 V Control Signal Cc Band 22 +/- 4 kHz Power Consumption max. 250 mA Conversion Gain 50 dB Working Temperature -40 ~ +60 °C Connection F-type	TITANIUM FULL HD 1080p GOLD GOLD-KONTAKT SAFE Weatherproof Wetterschutzgehäuse

satellit EMPFANG + TECHNIK 3.2013 gut Smart Titanium-Serie www.satdigital.de

Allgemeine technische Daten / *Common Technical Data*

	High	Low
Input Frequency Range	11,7 ~ 12,75 GHz	10,7 ~ 11,7 GHz
Output Frequency Range	1100 ~ 2150 MHz	950 ~ 1950 MHz
Oszillator Frequency	10,6 GHz	9,75 GHz
Feed Diameter	40 mm	

LNB Titanium Monoblock Edition 4,3°

Artikel Nr. *Article No.*	Beschreibung *Description*



20.0015

Universal Single Monoblock TMS 43

Control Signal Ca Vertikal	11,0 ~ 14,2 V
Control Signal Cb Horiz.	15,5 ~ 21 V
Control Signal Cc Band	22 +/- 4 kHz
Power Consumption max.	110 mA
Conversion Gain	50 dB
Working Temperature	-40 ~ +60 °C
Connection	F-type



20.0016

Universal Twin Monoblock TMT 43

Control Signal Ca Vertikal	-
Control Signal Cb Horiz.	-
Control Signal Cc Band	-
Power Consumption max.	240 mA
Conversion Gain	50 dB
Working Temperature	-40 ~ +60 °C
Connection	F-type



20.0017

Universal Quad Switch Monoblock TMQ 43

Control Signal Ca Vertikal	11,0 ~ 14,2 V
Control Signal Cb Horiz.	15,5 ~ 21 V
Control Signal Cc Band	22 +/- 4 kHz
Power Consumption max.	240 mA
Conversion Gain	50 dB
Working Temperature	-40 ~ +60 °C
Connection	F-type

Smart Titanium Monoblock LNB´s 4,3°

Diese kompakten LNB sind für den gleichzeitigen Empfang von zwei Satellitenpositionen mit einem Abstand von 4,3° einsetzbar, wie zum Beispiel Astra 19,2° Ost und Astra 23,5°. Verfügbar sind Versionen für den Anschluss von einem, zwei oder bis zu 4 Receivern.

These compact LNB can be used for the simultaneous reception of two satellite positions with a distance of 4,3°, such as Astra 19.2° East and Hotbird 23,5°. There are versions available for the connection of one, two or up to 4 receivers.

Allgemeine technische Daten / *Common Technical Data*

	High	Low
Input Frequency Range	11,7 ~ 12,75 GHz	10,7 ~ 11,7 GHz
Output Frequency Range	1100 ~ 2150 MHz	950 ~ 1950 MHz
Oszillator Frequency	10,6 GHz	9,75 GHz
Feed Diameter	23mm / 40 mm (all)	

LNB – Titanium Wideband



20.0037

Universal Twin Wideband LNB TWT

Low Band	10,7 ~ 11,7 GHz
High Band	11,7 ~ 12,75 GHz
IF	290 - 2340 MHz
Oszillator LO	10,41 GHz
Low Drift (25°C)	+/- 4 MHz
Working Temperature	-20°C ~ 60°C
Feed Diameter	40 mm
Connection	F-type

LNB Titanium Monoblock Edition 6°

	Artikel Nr. *Article No.*	Beschreibung *Description*	
	20.0012	**Universal Single Monoblock TMS 6** Control Signal Ca Vertikal 11,0 ~ 14,2 V Control Signal Cb Horiz. 15,5 ~ 21 V Control Signal Cc Band 22 +/- 4 kHz Power Consumption max. 110 mA Conversion Gain 50 - 58 dB Working Temperature -40 ~ +60 °C Connection F-type	TITANIUM FULL HD 1080p PORT ASTRA 19,2° + ASTRA 23,5° GOLD GOLD-KONTAKT SAFE Weatherproof Wetterschutz-gehäuse
	20.0013	**Universal Twin Monoblock TMT 6** Control Signal Ca Vertikal - Control Signal Cb Horiz. - Control Signal Cc Band - Power Consumption max. 240 mA Conversion Gain 50 - 58 dB Working Temperature -40 ~ +60 °C Connection F-type	TITANIUM FULL HD 1080p PORT ASTRA 19,2° + ASTRA 23,5° GOLD GOLD-KONTAKT SAFE Weatherproof Wetterschutz-gehäuse
	20.0014	**Universal Quad Switch Monoblock TMQ6** Control Signal Ca Vertikal 11,0 ~ 14,2 V Control Signal Cb Horiz. 15,5 ~ 21 V Control Signal Cc Band 22 +/- 4 kHz Power Consumption max. 240 mA Conversion Gain 50 - 58 dB Working Temperature -40 ~ +60 °C Connection F-type	TITANIUM FULL HD 1080p PORT ASTRA 19,2° + ASTRA 23,5° GOLD GOLD-KONTAKT SAFE Weatherproof Wetterschutz-gehäuse

Smart Titanium Monoblock LNB´s 6°

Diese kompakten LNB sind für den gleichzeitigen Empfang von zwei Satellitenpositionen mit einem Abstand von 6° einsetzbar, wie zum Beispiel Astra 19,2° Ost und Hotbird 13°. Verfügbar sind Versionen für den Anschluss von einem, zwei oder bis zu 4 Receivern.

These compact LNB can be used for the simultaneous reception of two satellite positions with a distance of 6°,such as Astra 19.2° East and Hotbird 13°. There are versions available for the connection of one, two or up to 4 receivers.

satellit EMPFANG + TECHNIK 2.2011 gut Smart Titanium-Monoblock-Serie TESTSIEGER www.satdigital.de

Allgemeine technische Daten / *Common Technical Data*

	High	Low
Input Frequency Range	11,7 ~ 12,75 GHz	10,7 ~ 11,7 GHz
Output Frequency Range	1100 ~ 2150 MHz	950 ~ 1950 MHz
Oszillator Frequency	10,6 GHz	9,75 GHz
Feed Diameter	23 mm (TMT6, TMQ6)	40 mm (all)

Artikel Nr. *Article No.*	Beschreibung *Description*	
20.0031	**Unicable TU2L - SCR 4 / 2 Legacy**	TITANIUM
	DC Current Consumption	250 mA (max.)
	Conversion Gain	SatCR.: 55 dB (Typ.)
		Legacy: 60 dB (Typ.)
	Output SCR Channel 1	1210 MHz
	Output SCR Channel 2	1420 MHz
	Output SCR Channel 3	1680 MHz
	Output SCR Channel 4	2040 MHz
20.0034	**Unicable TU3L - SCR 4 / 3 Legacy**	TITANIUM
	DC Current Consumption	250 mA (max.)
	Conversion Gain	SatCR.: 55 dB (Typ.)
		Legacy: 60 dB (Typ.)
	Output SCR Channel 1	1210 MHz
	Output SCR Channel 2	1420 MHz
	Output SCR Channel 3	1680 MHz
	Output SCR Channel 4	2040 MHz
20.0038	**Unicable TU82L - SCR 8 / 2 Legacy**	TITANIUM
	DC Current Consumption	250 mA (max.)
	Conversion Gain	SatCR.: 55 dB (Typ.)
		Legacy: 60 dB (Typ.)
	Output SCR Channel 1	1210 MHz
	Output SCR Channel 2	1420 MHz
	Output SCR Channel 3	1680 MHz
	Output SCR Channel 4	2040 MHz
	Output SCR Channel 5	970 MHz
	Output SCR Channel 6	1030 MHz
	Output SCR Channel 7	1090 MHz
	Output SCR Channel 8	1150 MHz

Smart Unicable LNB

Perfekt gestylt für Mehrteilnehmer-Empfang ist die Titanium Unicable Serie.

Perfectly styled for multi-user reception is the Titanium Unicable series.

Allgemeine technische Daten / *Common Technical Data*

	High	Low
Input Frequency Range	11,7 ~ 12,75 GHz	10,7 ~ 11,7 GHz
Output Frequency Range	1100 ~ 2150 MHz	950 ~ 1950 MHz
Oszillator Frequency	10,6 GHz	9,75 GHz
Low Drift (25°C)	+/- 4 MHz	
Working Temperature	-20°C ~ 60°C	
Feed Diameter	40 mm	
Connection	F-type	



Mehr Informationen und aktuelle News, sowie Testergebnisse über alle smart Produkte finden Sie unter www.smart-electronic.de oder werden Sie Fan auf /smartelectronic.

Avanit GmbH

Am Sternbach 1
91477 Markt Bibart / Germany
Tel. +49 (0) 7724 - 947 83 - 0
Fax +49 (0) 7724 - 947 83 - 33

info@smart-electronic.de
www.smart-electronic.de

Änderungen und Druckfehler unter Vorbehalt! Stand: Januar 2019