WISI DRC 1308 FLEXSWITCH multiswitch 13 in 8, cascade, TERR. passive





Description

The DRC 1308 is a cascadable multiswitch with 13 inputs for the distribution of three satellites and terrestrial signals. The polarisations are available at 13 cascade outputs for the installation of further multiswitches. Commercially available DVB-S/S2 set-top-boxes or TVs with an integrated receiver can be used at the eight subscriber outputs. Inserted terrestrial signals like DVB-T/T2, DAB or FM are available at each subscriber output as well. The very low insertion loss of the DRC 1308 is realised through an active satellite path. Through the passive terrestrial path it is possible to feed in multimedia services like "LAN over Coax", or signals from a central headend system. The LNBs can be powered by previously installed amplifiers, or the available power supply DRP 1533.

At a glance:

- Cascadable multiswitch for the distribution of 12 satellite polarisations and terrestrial signals
- Passive terrestrial path
- Integrated SAT amplifier for low insertion loss
- Pre-emphasis to compensate the cable loss at high frequencies
- Terrestrial signals available at the receiver without any power supply of the multiswitch
- High screening efficiency according to Class A
- Compact dimensions paired with installation friendly distance between the F-connectors
- Colour-coded inputs and outputs
- Made in Germany
- Compatible with MagentaTV Sat and freenet TV

WISI DRC 1308

SAT-IF trunkI2 pcs.Inputs SAT12 pcs.Outputs SAT12 pcs.Frequency range-SAT950 2400 MHzThrough loss SAT12 dBDecoupling SAT -SAT30 dB typ.Return loss SAT1 odBTerrestrial trunk1 pcs.Outputs TERR1 pcs.Outputs TERR1 pcs.Prequency range TERR30 dB typ.Isolation TERR - SAT30 dB typ.Return loss TERR23 dBIsolation TERR - SAT30 dB typ.Return loss TERR5 262 MHzOutputs5 260 MHzSubscriber outputs5 2400 MHzSubscriber outputs5 2400 MHzOutputs8 pcs.Frequency range5 2400 MHzTERR typePassiveInsertion 10ss SAT40 dBAux. output level subscriber SAT102 dBµVMax. output level subscriber TERR50110 dBµV (passive)Return loss subscriber SAT510 dBControl signal14/18 V, 0/22 kHz, DiSEqC 1.0Current consumption from receiver55 mAConnectors100 dBPremale21 pcs.Concode15 V DCPower indicator15 V DCPower onsumption max.<0.2 WScreening factorClass A, according to EN 50083-2Inpedance75 QOperating voltage75 QOperating temperature range2070 °CCascadable with0/2 kgDimensions (width k height k denth)130x 290 x 63 mm<	Technical data	
Outputs SAT12 pcs.Frequency range-SAT950 2400 MHzThrough loss SAT12 dBDecoupling SAT -SAT30 dB typ.Return loss SAT> 10 dBTerrestrial trunkInputs TERR1 pcs.Outputs TERR1 pcs.Prequency range TERR5 862 MHzIsolation TERR - SAT23 dBIsolation TERR - SAT0 dB typ.Return loss TERR23 dBIsolation TERR - SAT0 dB typ.Return loss TERR> 10 dBSubscriber outputsOutputs8 pcs.Frequency range52400 MHzTERR typePassiveInsertion loss SAT40 dBInsertion SS SAT102 dBµVMax. output level subscriber SAT102 dBµVMax. output level subscriber TERR>10 dBµV (passive)Return loss subscriber SAT102 dBµVMax. output level subscriber TERR>.10 dBControl signal14/18 V, 0/22 kHz, DiSEqC 1.0Current consumption from receiver55 mAControl signal21 pcs.PC suply voltageConnector type DC 5.5/2.1 mmColor code11 = black; HL = green; VH = red; HH = yellowGeneral dataPower indicatorLEDOperating voltage15 V DCPower consumption max.<0,2 W	SAT-IF trunk	
Outputs SAT12 pcs.Frequency range-SAT950 2400 MHzThrough loss SAT12 dBDecoupling SAT -SAT30 dB typ.Return loss SAT> 10 dBTerrestrial trunkInputs TERR1 pcs.Outputs TERR1 pcs.Prequency range TERR5 862 MHzIsolation TERR - SAT23 dBIsolation TERR - SAT0 dB typ.Return loss TERR23 dBIsolation TERR - SAT0 dB typ.Return loss TERR> 10 dBSubscriber outputsOutputs8 pcs.Frequency range52400 MHzTERR typePassiveInsertion loss SAT40 dBInsertion SS SAT102 dBµVMax. output level subscriber SAT102 dBµVMax. output level subscriber TERR>10 dBµV (passive)Return loss subscriber SAT102 dBµVMax. output level subscriber TERR>.10 dBControl signal14/18 V, 0/22 kHz, DiSEqC 1.0Current consumption from receiver55 mAControl signal21 pcs.PC suply voltageConnector type DC 5.5/2.1 mmColor code11 = black; HL = green; VH = red; HH = yellowGeneral dataPower indicatorLEDOperating voltage15 V DCPower consumption max.<0,2 W	Inputs SAT	12 pcs.
Through loss SAT 12 dB Decoupling SAT -SAT 30 dB typ. Return loss SAT > 10 dB Terrestrial trunk 1 pcs. Inputs TERR 1 pcs. State S		12 pcs.
Decoupling SAT -SAT 30 dB typ. Return loss SAT > 10 dB Terrestrial trunk 1 pcs. Inputs TERR 1 pcs. Outputs TERR 1 pcs. Frequency range TERR 23 dB Isolation TERR - SAT 30 dB typ. Return loss TERR > 10 dB Subscriber outputs 8 pcs. Frequency range 52400 MHz TERR type Passive Insertion loss SAT 40 dB Insertion TERR 24 dB (±2 dB) Max. output level subscriber SAT 102 dBµV Max. output level subscriber TERR >10 dB Return loss subscriber SAT 102 dBµV Max. output level subscriber TERR >10 dB Control signal 14/18 V, 0/22 kHz, DISEqC 1.0 Current consumption from receiver 55 mA Connectors 21 pcs. Premale 21 pcs. DC supply voltage Connector type DC 5.5/2.1 mm Col code 12 pcs. Power indicator LED Operating voltage 15 V DC <	Frequency range-SAT	950 2400 MHz
Return loss SAT> 10 dBTerrestrial trunkInputs TERR1 pcs.Outputs TERR1 pcs.Frequency range TERR5 862 MHzThrough loss TERR23 dBIsolation TERR - SAT30 dB typ.Return loss TERR> 10 dBSubscriber outputs8 pcs.Frequency range52400 MHzTERR typePassiveInsertion loss SAT40 dBInsertion TERR24 dB (±2 dB)Max. output level subscriber SAT102 dBµVMax. output level subscriber TERR50110 dBµV (passive)Return loss subscriber SAT>10 dBControl signal14/18 V, 0/22 kHz, DISEqC 1.0Current consumption from receiver55 mAConnectors21 pcs.Premale21 pcs.Power indicatorLEDOperating voltage15 V DCPower consumption max.<0.2 W	Through loss SAT	12 dB
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n n Outputs TERR 1 pcs. Frequency range TERR 23 dB Isolation TERR - SAT 30 dB typ. Return loss TERR > 10 dB Subscriber outputs Outputs 8 pcs. Frequency range 52400 MHz TERR type Passive Insertion loss SAT 40 dB Nax. output level subscriber SAT 102 dBµV Max. output level subscriber TERR 50110 dBµV (passive) Return loss subscriber TERR >10 dB Return loss subscriber TERR >10 dB Control signal 14/18 V, 0/22 kHz, DiSEqC 1.0 Current consumption from receiver 55 mA Connectors 21 pcs. PC supply voltage Connector type DC 5.5/2.1 mm Color code VL = black; HL = green; VH = red; HH = yellow General data - Power indicator LED Operating voltage Class A, according to EN 50083-2 Power consumption max. <0,2 W	Terrestrial trunk	
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Through loss TERR23 dBIsolation TERR - SAT30 dB typ.Return loss TERR> 10 dBSubscriber outputs8 pcs.Outputs8 pcs.Frequency range52400 MHzTERR typePassiveInsertion loss SAT40 dBMax. output level subscriber SAT102 dBµVMax. output level subscriber TERR50110 dBµV (passive)Return loss subscriber TERR>10 dBControl signal14/18 V, 0/22 kHz, DiSEqC 1.0Current consumption from receiver55 mAConnectors-F-female21 pcs.Cl supply voltageConnector type DC 5.5/2.1 mmColor code''yellow'Power indicatorLEDOperating voltage15 V DCPower consumption max.<0,2 W	Outputs TERR	1 pcs.
Through loss TERR23 dBIsolation TERR - SAT30 dB typ.Return loss TERR> 10 dBSubscriber outputs8 pcs.Outputs8 pcs.Frequency range52400 MHzTERR typePassiveInsertion loss SAT40 dBMax. output level subscriber SAT102 dBµVMax. output level subscriber TERR50110 dBµV (passive)Return loss subscriber TERR>10 dBControl signal14/18 V, 0/22 kHz, DiSEqC 1.0Current consumption from receiver55 mAConnectors-F-female21 pcs.Cl supply voltageConnector type DC 5.5/2.1 mmColor code''yellow'Power indicatorLEDOperating voltage15 V DCPower consumption max.<0,2 W	Frequency range TERR	5 862 MHz
Return loss TERR> 10 dBSubscriber outputs8 pcs.Outputs8 pcs.Frequency range52400 MHzTERR typePassiveInsertion loss SAT40 dBInsertion TERR24 dB (± 2 dB)Max. output level subscriber SAT102 dBµVMax. output level subscriber TERR50110 dBµV (passive)Return loss subscriber SAT>10 dBReturn loss subscriber TERR>10 dBControl signal14/18 V, 0/22 kHz, DiSEqC 1.0Current consumption from receiver55 mAConnectorsF-female21 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowGeneral dataPower indicatorLEDOperating voltage15 V DCPower consumption max.<0,2 W		23 dB
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Outputs8 pcs.Frequency range52400 MHzFrequency rangePassiveInsertion loss SAT40 dBInsertion TERR24 dB (± 2 dB)Max. output level subscriber SAT102 dBµVMax. output level subscriber TERR50110 dBµV (passive)Return loss subscriber SAT>10 dBReturn loss subscriber TERR>10 dBControl signal14/18 V, 0/22 kHz, DiSEqC 1.0Current consumption from receiver55 mAConnectors-F-female21 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowPower indicatorLEDOperating voltage15 V DCPower consumption max.<0,2 W	Return loss TERR	> 10 dB
Frequency range52400 MHzTERR typePassiveInsertion loss SAT40 dBInsertion TERR24 dB (\pm 2 dB)Max. output level subscriber SAT102 dBµVMax. output level subscriber TERR50110 dBµV (passive)Return loss subscriber SAT>10 dBReturn loss subscriber TERR>10 dBControl signal14/18 V, 0/22 kHz, DiSEqC 1.0Current consumption from receiver55 mAP-female21 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowOperating voltage15 V DCPower indicatorLEDOperating factorClass A, according to EN 50083-2Impedance75 Ω Operating temperature range-2070 °CCascadable with0,72 kg	Subscriber outputs	
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Max. output level subscriber TERR50110 dBµV (passive)Return loss subscriber SAT>10 dBReturn loss subscriber TERR>10 dBControl signal14/18 V, 0/22 kHz, DiSEqC 1.0Current consumption from receiver55 mAConnectors21 pcs.PC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowGeneral dataVPower indicatorLEDOperating voltage15 V DCPower consumption max.< 0,2 W	Insertion TERR	24 dB (±2 dB)
Return loss subscriber SAT>10 dBReturn loss subscriber TERR>10 dBControl signal14/18 V, 0/22 kHz, DiSEqC 1.0Current consumption from receiver 55 mA ConnectorsF-female21 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowGeneral dataPower indicatorLEDOperating voltage15 V DCPower consumption max.<0,2 W	Max. output level subscriber SAT	102 dBµV
Return loss subscriber TERR>10 dBControl signal14/18 V, 0/22 kHz, DiSEqC 1.0Current consumption from receiver55 mAConnectors-F-female21 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowGeneral data-Power indicatorLEDOperating voltage15 V DCPower consumption max.<0,2 W	Max. output level subscriber TERR	50110 dBµV (passive)
Control signal14/18 V, 0/22 kHz, DiSEqC 1.0Current consumption from receiver55 mAConnectors-F-female21 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowGeneral data-Power indicatorLEDOperating voltage15 V DCPower consumption max.< 0,2 W	Return loss subscriber SAT	>10 dB
Current consumption from receiver55 mAConnectorsF-female21 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowGeneral dataPower indicatorLEDOperating voltage15 V DCPower consumption max.< 0,2 W	Return loss subscriber TERR	>10 dB
ConnectorsF-female21 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowGeneral dataPower indicatorLEDOperating voltage15 V DCPower consumption max.< 0,2 W	Control signal	14/18 V, 0/22 kHz, DiSEqC 1.0
F-female21 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowGeneral dataPower indicatorLEDOperating voltage15 V DCPower consumption max.<0,2 W	Current consumption from receiver	55 mA
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general dataPower indicatorLEDOperating voltage15 V DCPower consumption max.< 0,2 W	DC supply voltage	Connector type DC 5.5/2.1 mm
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Operating voltage15 V DCPower consumption max.< 0,2 W		LED
Power consumption max.< 0,2 WScreening factorClass A, according to EN 50083-2Impedance75 ΩOperating temperature range-2070 °CCascadable withDRC 1308, DRC 1312, DRC 1316, DRC 1324, DRC 1332Weight0,72 kg		
Screening factorClass A, according to EN 50083-2Impedance75 ΩOperating temperature range-2070 °CCascadable withDRC 1308, DRC 1312, DRC 1316, DRC 1324, DRC 1332Weight0,72 kg		
Impedance75 ΩOperating temperature range-2070 °CCascadable withDRC 1308, DRC 1312, DRC 1316, DRCWeight0,72 kg		
Operating temperature range-2070 °CCascadable withDRC 1308, DRC 1312, DRC 1316, DRC 1324, DRC 1332Weight0,72 kg	-	-
Cascadable with DRC 1308, DRC 1312, DRC 1316, DRC 1324, DRC 1332 Weight 0,72 kg		
Weight 0,72 kg		DRC 1308, DRC 1312, DRC 1316, DRC
	Weight	,
	Dimensions (width x height x depth)	130x 290 x 63 mm

Packaging data	
Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	367 x 235 x 67 mm
Packaging volume sales unit	6 dm³
Gross weight sales unit	93 kg
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	370 x 235 x 70 mm
Packaging volume shipping package	6 dm³
Gross weight shipping unit	0.92 kg
EAN	4010056749637
Article number	74963
Customs tariff number	85437090