WISI DRR 0508 FLEXSWITCH multiswitch, receiver power, 5 in 8





Description

The DRR 0508 is a receiver powered multiswitch with five inputs for the distribution of one satellite and terrestrial signals. 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 DRR 0508 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 headend system. The LNB is powered by the switching voltage of the connected receivers and an additional power supply is not required, which reduces the operating costs.

At a glance:

- Receiver powered multiswitch for the distribution of 4 satellite polarisations and terrestrial signals
- Power supply-free usage
- 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
- Made in Germany
- Compatible with MagentaTV Sat and freenet TV

WISI DRR 0508

SAT-IF trunkImputs SATInputs SAT4 pcs.Frequency range-SAT950 2400 MHzDecoupling SAT -SAT30 dB typ.Return loss SAT>10 dBTerrestrial trunk1 pcs.Inputs TERR1 pcs.Frequency range TERR5 862 MHzIsolation TERR - SAT30 dB typ.Return loss TERR>10 dBSubscriber outputs0Outputs8 pcs.Frequency range52400 MHzTERR typePassiveInsertion loss SAT05 dBInsertion TERR10 dB JUMax. output level subscriber SAT102 dBJVMax. output level subscriber TERR>101 dBControl signal14/18 V, 0/22 HzCurrent consumption from receiver30 mAConnectors-F-female13 pcs.Conscot supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HIPower indicatorLEDOperating voltagereceiver poweredPrever consumption max.<0,5 WStreening factorClass A, according to EN 50083-2Impedance75 ΩOperating temperature range-2070 °CWeight0,24 kgDimensions (width x height x depth)130 x 110 x 45 mm	Technical data	
Frequency range-SAT 950 2400 MHz Decoupling SAT -SAT 30 dB typ. Return loss SAT >10 dB Terrestrial trunk 1 pcs. Inputs TERR 1 pcs. Frequency range TERR 5 862 MHz Isolation TERR - SAT 30 dB typ. Return loss TERR >10 dB Subscriber outputs 8 pcs. Outputs 8 pcs. Frequency range 5 2400 MHz Insertion TERR - SAT 05 dB Insertion Ioss SAT 05 dB Insertion TERR 18 dB (±2 dB) Max. output level subscriber SAT 102 dBµV Max. output level subscriber TERR 50110 dBµV (passive) Return loss subscriber TERR >10 dB Control signal 14/18 V, 0/22 kHz Current consumption from receiver 30 mA Connectors VL = black; HL = green; VH = red; HH = yellow General data Power indicator Power indicator LED Operating voltage receiver powered Power consumption max. <0,5 W	SAT-IF trunk	
Decouping SAT -SAT30 dB typ.Return loss SAT>10 dBTerrestrial trunk1 pcs.Inputs TERR1 pcs.Frequency range TERR5 862 MHzIsolation TERR - SAT30 dB typ.Return loss TERR>10 dBSubscriber outputs0Outputs8 pcs.Frequency range52400 MHzTERR typePassiveInsertion Ioss SAT05 dBInsertion TERR18 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 kHzCurrent consumption from receiver30 mAConnectorsConnector type DC 5.5/2.1 mmCloor codeVL = black; HL = green; VH = red; HH = yellowGeneral dataPower indicatorLEDOperating voltagereceiver poweredPower consumption max.<0,5 W	Inputs SAT	4 pcs.
Return loss SAT>10 dBTerrestrial trunk1 pcs.Inputs TERR1 pcs.Frequency range TERR30 dB typ.Return loss TERR>10 dBSubscriber outputs0Outputs8 pcs.Frequency range52400 MHzTERR typePassiveInsertion loss SAT05 dBInsertion TERR18 dB (±2 dB)Max. output level subscriber SAT102 dBµVMax. output level subscriber SAT50110 dBµV (passive)Return loss subscriber TERR>10 dBControl signal14/18 V, 0/22 kHzCurrent consumption from receiver30 mAConnectorsConnector type DC 5.5/2.1 mmCloor codeVL = black; HL = green; VH = red; HH = yellowGeneral dataPower indicatorLEDOperating voltageclass A, according to EN 50083-2Power consumption max.<0,5 W	Frequency range-SAT	950 2400 MHz
Terrestrial trunk 1 pcs. Inputs TERR 1 pcs. Frequency range TERR 30 dB typ. Return loss TERR >10 dB Subscriber outputs 0 Outputs 8 pcs. Frequency range 5 2400 MHz TERR type Passive Insertion loss SAT 05 dB Insertion TERR 18 dB (±2 dB) Max. output level subscriber SAT 102 dBµV Max. output level subscriber TERR 50110 dBµV (passive) Return loss subscriber TERR 50110 dBµV (passive) Return loss subscriber TERR >10 dB Control signal 14/18 V, 0/22 kHz Current consumption from receiver 30 mA Connectors VL = black; HL = green; VH = red; HH = yellow Color code VL = black; HL = green; VH = red; HH = yellow Operating voltage receiver powered Power consumption max. <0,5 W	Decoupling SAT -SAT	30 dB typ.
Inputs TERR1 pcs.Frequency range TERR5 862 MHzIsolation TERR - SAT30 dB typ.Return loss TERR>10 dBSubscriber outputs0Outputs8 pcs.Frequency range52400 MHzTERR typePassiveInsertion loss SAT05 dBInsertion TERR18 dB (±2 dB)Max. output level subscriber SAT102 dBµVMax. output level subscriber TERR50110 dBµV (passive)Return loss subscriber TERR>10 dBControl signal14/18 V, 0/22 kHzCurrent consumption from receiver30 mAConnectorsVL = black; HL = green; VH = red; HH eyellowColor codeLEDPower indicatorLEDOperating voltageClass A, according to EN 50083-2Impedance75 ΩOperating temperature range-2070 °CWeight0,24 kg	Return loss SAT	>10 dB
Frequency range TERR5 862 MHzIsolation TERR - SAT30 dB typ.Return loss TERR>10 dBSubscriber outputs8 pcs.Outputs8 pcs.Frequency range5 2400 MHzTERR typePassiveInsertion loss SAT05 dBInsertion TERR18 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 kHzCurrent consumption from receiver30 mAConnectorsF-female13 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowPower indicatorLEDOperating voltagereceiver poweredPower consumption max.<0,5 W	Terrestrial trunk	
Isolation TERR - SAT30 dB typ.Return loss TERR>10 dBSubscriber outputs8 pcs.Outputs8 pcs.Frequency range52400 MHzTERR typePassiveInsertion loss SAT05 dBInsertion TERR18 dB (\pm 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 kHzCurrent consumption from receiver30 mAConnectorsF-female13 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowGeneral dataPower indicatorLEDOperating voltagereceiver poweredPower consumption max.<0,5 W	Inputs TERR	1 pcs.
Return loss TERR>10 dBSubscriber outputs>10 dBOutputs8 pcs.Frequency range52400 MHzTERR typePassiveInsertion loss SAT05 dBInsertion TERR18 dB (\pm 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 kHzCurrent consumption from receiver30 mAConnectorsVL = black; HL = green; VH = red; HH = yellowF-female13 pcs.Color codeLEDOperating voltagereceiver poweredPower indicatorLEDOperating voltageClass A, according to EN 50083-2Impedance75 Ω Operating temperature range-2070 °CWeight0.24 kg	Frequency range TERR	5 862 MHz
Subscriber outputs8 pcs.Outputs8 pcs.Frequency range52400 MHzTERR typePassiveInsertion loss SAT05 dBInsertion TERR18 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 kHzCurrent consumption from receiver30 mAConnectorsVL = black; HL = green; VH = red; HH = yellowColor codeVL = black; HL = green; VH = red; HH = yellowOperating voltageccancetive poweredPower consumption max.<0,5 W	Isolation TERR - SAT	30 dB typ.
Outputs8 pcs.Frequency range52400 MHzTERR typePassiveInsertion loss SAT05 dBInsertion TERR18 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 kHzCurrent consumption from receiver30 mAConnectorsVL = black; HL = green; VH = red; HH = yellowColor codeVL = black; HL = green; VH = red; HH = yellowPower indicatorLEDOperating voltageClass A, according to EN 50083-2Power consumption max.<0,5 W	Return loss TERR	>10 dB
Frequency range52400 MHzTERR typePassiveInsertion loss SAT05 dBInsertion TERR18 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 kHzCurrent consumption from receiver30 mAConnectorsF-female13 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowGeneral dataPower indicatorLEDOperating voltageClass A, according to EN 50083-2Impedance75 Ω Operating temperature range-2070 °CWeight0,24 kg	Subscriber outputs	
TERR typePassiveInsertion loss SAT05 dBInsertion TERR18 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 kHzCurrent consumption from receiver30 mAConnectors-F-female13 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowGeneral data-Power indicatorLEDOperating voltageClass A, according to EN 50083-2Impedance75 Ω Operating temperature range-2070 °CWeight0,24 kg	Outputs	8 pcs.
Insertion loss SAT05 dBInsertion TERR18 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 kHzCurrent consumption from receiver30 mAConnectorsF-female13 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowPower indicatorLEDOperating voltagereceiver poweredPower consumption max.<0,5 W	Frequency range	52400 MHz
Insertion TERR18 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 kHzCurrent consumption from receiver30 mAConnectorsF-female13 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowPower indicatorLEDOperating voltagereceiver poweredPower consumption max.<0,5 W	TERR type	Passive
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 kHzCurrent consumption from receiver30 mAConnectors $-$ F-female13 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowPower indicatorLEDOperating voltagereceiver poweredPower consumption max.<0,5 W	Insertion loss SAT	05 dB
Max. output level subscriber TERR50110 dBµV (passive)Return loss subscriber SAT>10 dBReturn loss subscriber TERR>10 dBControl signal14/18 V, 0/22 kHzCurrent consumption from receiver30 mAConnectors-F-female13 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowGeneral data-Power indicatorLEDOperating voltageclass A, according to EN 50083-2Impedance75 ΩOperating temperature range-2070 °CWeight0,24 kg	Insertion TERR	18 dB (±2 dB)
Return loss subscriber SAT>10 dBReturn loss subscriber TERR>10 dBControl signal14/18 V, 0/22 kHzCurrent consumption from receiver30 mAConnectorsF-female13 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowGeneral dataPower indicatorLEDOperating voltagereceiver poweredPower consumption max.<0,5 W	Max. output level subscriber SAT	102 dBµV
Return loss subscriber TERR>10 dBControl signal14/18 V, 0/22 kHzCurrent consumption from receiver30 mAConnectors-F-female13 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowGeneral data-Power indicatorLEDOperating voltagereceiver poweredPower consumption max.<0,5 W	Max. output level subscriber TERR	50110 dBµV (passive)
Control signal14/18 V, 0/22 kHzCurrent consumption from receiver30 mAConnectorsF-female13 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowGeneral dataPower indicatorLEDOperating voltagereceiver poweredPower consumption max.<0,5 W	Return loss subscriber SAT	>10 dB
Current consumption from receiver30 mAConnectorsF-female13 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowGeneral dataPower indicatorLEDOperating voltagereceiver poweredPower consumption max.<0,5 W	Return loss subscriber TERR	>10 dB
ConnectorsIF-female13 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowGeneral dataVL = black; HL = green; VH = red; HH = yellowPower indicatorLEDOperating voltagereceiver poweredPower consumption max.<0,5 W	Control signal	14/18 V, 0/22 kHz
F-female13 pcs.DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowGeneral dataVLPower indicatorLEDOperating voltagereceiver poweredPower consumption max.<0,5 W	Current consumption from receiver	30 mA
DC supply voltageConnector type DC 5.5/2.1 mmColor codeVL = black; HL = green; VH = red; HH = yellowGeneral dataPower indicatorLEDOperating voltagereceiver poweredPower consumption max.<0,5 W	Connectors	
Color codeVL = black; HL = green; VH = red; HH = yellowGeneral dataEDPower indicatorLEDOperating voltagereceiver poweredPower consumption max.<0,5 W	F-female	13 pcs.
= yellow General data Power indicator LED Operating voltage receiver powered Power consumption max. <0,5 W	DC supply voltage	Connector type DC 5.5/2.1 mm
Power indicatorLEDOperating voltagereceiver poweredPower consumption max.<0,5 W	Color code	
Operating voltagereceiver poweredPower consumption max.<0,5 W	General data	
Power consumption max.<0,5 WScreening factorClass A, according to EN 50083-2Impedance75 ΩOperating temperature range-2070 °CWeight0,24 kg	Power indicator	LED
Screening factorClass A, according to EN 50083-2Impedance75 ΩOperating temperature range-2070 °CWeight0,24 kg	Operating voltage	receiver powered
Impedance 75 Ω Operating temperature range -2070 °C Weight 0,24 kg	Power consumption max.	<0,5 W
Operating temperature range -2070 °C Weight 0,24 kg	Screening factor	Class A, according to EN 50083-2
Weight 0,24 kg	Impedance	75 Ω
	Operating temperature range	-2070 °C
Dimensions (width x height x depth) 130 x 110 x 45 mm	Weight	0,24 kg
	Dimensions (width x height x depth)	130 x 110 x 45 mm

Packaging data	
Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	115 x 115 x 40 mm
Packaging volume sales unit	0.53 dm³
Gross weight sales unit	28 kg
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	115 x 115 x 40 mm
Packaging volume shipping package	0.53 dm³
Gross weight shipping unit	0.28 kg
EAN	4010056749736
Article number	74973
Customs tariff number	85437090