

# WLE7143A transfer switch with bypass path

- DC to 3GHz
- Current consumption @12VDC 30mA
- Temperature range -40 to +85°C



This transfer switch has an internal by pass line and enables the looping of additional two port elements like e.g. filters, amplifiers etc.

The appeal of the WLE7143A-switch lies in its minimal insertion loss. Its good isolation is another advantage for this assembly.

Item	Value	Unit		
Technical specifications	Insertion loss in both positions	DC – 1GHz	< 1	dB
	Insertion loss in both positions	1 – 3GHz	< 2.5	dB
	Isolation over entire structure	DC – 500MHz	> 45	dB
	Isolation over entire structure	500MHz -1GHz	> 40	dB
	Isolation over entire structure	1 – 3GHz	> 35	dB
	Power supply	separate DC-connectors with feed-through capacitors		
	Power input in connected status	max. @12VDC	40	mA
		typ. @12VDC	30	mA
	Supply voltage	nominal	12	VDC
	Switching threshold voltage		2.5	VDC
	In- and output connectors		SMA (f)	
	Temperature range	usage	-40..+85	°C
		storage	-55..+85	°C
	Humidity	not condensing	90	%
	Housing surface		chromalised	
Dimensions	approx.	79x59x20	mm	
Lateral DC-connectors with feed-through capacitors overlap the width by approx. 8mm				
Housing	waterproof *)	With mounting flange		
Weight	approx.	0.2	kg	
Mounting		4-whole		

\*) can be sealed waterproof upon request.

