

Outdoor Redundancy Switch Unit 1:1

Specifications

Model	RSB1-xx-xx Outdoor Switch Box 1:1	RSCM1-OD Redundancy Controller 1:1 for outdoor switch box RSB1-xx-xx
Signal Splitter RSB1-50K-xx	Connector type: N female Impedance: 50Ω Power handling: 3 W Frequency Range: 6-18 GHz Insertion loss: < 2.0 dB (above 3dB) Return loss: > 13 dB Amplitude balance: 0.4 dB	
Signal Splitter RSB1-50C-xx	Connector type: N female Impedance: 50Ω Power handling: 3 W Frequency Range: 4-8 GHz Insertion loss: < 2.0 dB (above 3dB) Return loss: > 14 dB Amplitude balance: 0.4 dB	
Signal Splitter RSB1-50L-xx	Connector type: N female Impedance: 50Ω Power handling: 3 W Frequency Range: 950-2000 MHz Insertion loss: < 2.0 dB (above 3dB) Return Loss: > 17 dB Amplitude balance: 0.3 dB	
Signal Splitter RSB1-75V-xx	Connector type: BNC female Impedance: 75Ω Power handling: 1 W Frequency Range: 5-300 MHz Insertion loss: < 1.5 dB (above 3dB) Return Loss: > 14 dB Amplitude balance: 0.4 dB	
Signal Transfer Switch RSB1-xx-50K	Connector type: N female Impedance: 50Ω Power handling: 1 W (switching) Frequency Range: 0-18 GHz Insertion loss: < 0.5 dB (0-1 GHz) < 0.8 dB (1-4 GHz) < 1.0 dB (4-8 GHz) < 1.2 dB (8-12 GHz) < 1.5 dB (12-18 GHz) Isolation: > 85 dB (0-1 GHz) > 80 dB (1-4 GHz) > 70 dB (4-8 GHz) > 65 dB (8-12 GHz) > 60 dB (12-18 GHz) Return Loss > 20 dB (0-1 GHz) > 17 dB (1-4 GHz) > 15 dB (4-8 GHz) > 14 dB (8-12 GHz) > 12 dB (12-18 GHz)	

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All information contained in the present data sheet is subject to confirmation at time of ordering.

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Specifications (cont.)

Model	RSB1-xx-xx Outdoor Switch Box 1:1	RSCM1-OD Redundancy Controller 1:1 for outdoor switch box RSB1-xx-xx
Switching	Controlled by RSCM1-OD	
Control Interface to Indoor Control Unit RSCM1-OD	Alarms, control signals (Connector Type: MIL-C-26482: MS 3120 E 14-19 S)	
Alarm Interface to Converter Units	2 Interfaces to sense contact closures at alarm outputs of converter units and for internal M&C (RS485) (Connector Type: MIL-C-26482: MS 3120 E 12-8 S)	
Temperature Range:	-30°C to 60°C operating -30°C to 80°C storage	
Relative Humidity	100%	
Dimension and Weight	190 x 190 x 100 mm approx. 3 kg	
Degree of Protection	IP 67 (acc. IEC 529)	

ORDERING INFORMATION

RSB1-[Splitter Type]-[Switch Type]

Example:

RSB1-75V-50K