

Conformity with the Technical Parameters and Requirements

Seq. No	Technical parameters and requirements	Conformity with the requirements (delete as appropriate)	Offered equivalent technical requirements	Name of the document supporting conformity and link to the paragraph defining the requirement	Remark
1.	Standard, technical regulation or norm				
1.1.	Resistance of products to the effects of mechanical factors according to GOST 33435 and GOST 17516.1. or equivalent (European Union) standards.	Conformity	GOST 33435 and GOST 17516.1	TS.docx	
1.2.	Electrical protection according to GOST 12.2.007 or equivalent (European Union) standards.	Conformity	GOST 12.2.007	TS.docx	
1.3.	IP requirements for protection of electrical equipment against dust and humidity (for more details, see paragraph 4.2.4 of the Technical Specification).	Conformity	Protective casing - IP66; modules, adapters, etc. - IP54.	TS.docx	
2.	Complete set, functional properties of the Object of the Procurement				
2.1.	It must be able to install the Goods on PESA 730ML rolling stock, if necessary, install the Goods at a degree of not more than 25° from the vertical axis.	Conformity	Yes	TS.docx	
2.2.	The Goods must be in a protective casing of at least IP66 protection rating, the protection rating of the equipment of the Goods (modules, adapters) must be not lower than IP54.	Conformity	Protective casing - IP66; modules, adapters, etc. - IP54.	TS.docx	
2.3.	The Goods must have an N-type connection for connection to a radio station.	Conformity	N-type	TS.docx	
2.4.	The Goods and assemblies thereof must withstand at least 120 m/s air drag and at least 30 m/s effects of crosswinds when moving.	Conformity	120 m/s air drag and at least 30 m/s effects of	TS.docx	

			crosswinds when moving.		
2.5.	The Goods must maintain working capacity when a radio station transmitter with the capacity of up to 25W is connected.	Conformity	25W	TS.docx	
2.6.	The operating frequencies of the Goods shall be as follows: not lower than 2130 and not higher than 2150 kHz.	Conformity	2130-2150 kHz	TS.docx	
2.7.	Input impedance 50Ω.	Conformity	50Ω	TS.docx	
2.8.	SWR factor at operating frequencies not higher than 2.	Conformity	2,0	TS.docx	
2.9.	Range of the operating temperatures: not higher than -40°C and not lower than +40°C.	Conformity	From -50°C to +60°C.	TS.docx	
2.10.	The Goods and equipment thereof must be grounded (have grounding terminals in place).	Conformity	Yes	TS.docx	
2.11.	Dimensions of the Goods (1 pc.):	Conformity	H×L×W – 200-450×3100×110 mm	TS.docx	
	the length not more than 3.5 m.;				
	the height not more than 0.45 m.				
2.12.	Weight of the Goods (1 pc.) not higher than 10 kg.	Conformity	9 kg	TS.docx	
2.13.	Complete set of the Goods (1 pc.):	Conformity		TS.docx	
	the Good in a casing – 1 pc.;		1	TS.docx	
	a compensation module – 1 pc.;		1	TS.docx	
	a power adapter – 1 pc.;		1	TS.docx	
	a cable for connection to a radio station – 20 m.;		20 m	TS.docx	
	a set of all connections of the Good (connections, sockets etc.) – 1 pc.;		1	TS.docx	
	a set of supports for fixing the Good to the body of the rolling stock – 1 pc.		1	TS.docx	

Member of Board

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