LUN3573.02 - Aircraft intercom

Type designation: **LUN3573.02**

PN (RN): **3001.100.02**

LUN3573.02 aircraft intercom is electronic device designed for two-seat versions of jets where it transfers AF signals from two radiocommunication stations, warnings and signals from radionavigation and other special devices in jets to pilot's earphones, and it also distributes modulation signal to two radiocommunication stations. It also provides a communication line between the pilots and between the pilots and ground personnel.

Technical parameters

BASIC PARAMETERS	
Weight	max. 1,2 kg
Dimensions [w x h x d]	146 mm x 95.3 mm x 103 mm
Supply voltage	28 V, according to MIL-STD-704E
Current consumption (U = 28 V)	max. 0.5 A
FUNCTIONS	
Microphone inputs	
- primary microphone input	0.4 mVrms/5 Ω
- secondary microphone input	2 mVrms/300 Ω
- microphone input for ground personnel	0.4 mVrms/5 Ω
Audio inputs	
• with volume regulation	8 asymmetrical lines
VOR – navigation system	7 Vrms
DME – rangefinder	5 Vrms
IFF – identifier	1 Vrms
RWR – radar warning receiver	3.5 Vrms
MSL – rocket	36 Vrms

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COM1 - transceiver 1	6.5 Vrms
COM2 - transceiver 2	6.5 Vrms
ICI – second intercom AF signal input	0.6 Vrms
• no volume regulation	3 asymmetrical lines
MKR – signal receiver	5 Vrms
CNATEN – backup output of transceiver 1	12 Vrms
TIN – AF signal input for the second operator	0.1 Vrms
Logical inputs	
• active at GND level	3 inputs
DH – dangerous height	
MASTER – central signaling	
ACCEL – accelerometer	
• active at +28 V	1 input
CANOPY SHATTER signal	
Audio outputs	
pilots earphone output	1 W/10 Ω
earphone output for the ground operator	1 W/10 Ω
Modulation output	2 lines 1.5 V/30 Ω
output for VCR	2 lines 1.3 V/47 kΩ
intercom AF signal output	0.6 V/10 kΩ
second operator position AF signal output	0.1 V/10 kΩ
Resistance against environmental impact complies with RTCA/ DO-160C.	