



PRODUCT FAMILY	DESCRIPTION
OUTDOOR RF PASSIVES	OUTDOOR LINE EQUALIZER
FEATURES	
	<ul style="list-style-type: none"> >> 1 GHz line equalizer in outdoor tap housing >> Frequency range 5 - 1006 MHz >> Class A screening effectiveness

SPECIFICATIONS

INSERTION LOSS (dB) - IN to OUT			
Frequency (MHz)	Min.	Typ.	Max.
5	-	0.1	1.0
65	-	0.6	1.0
85	8.5	9.0	9.5
140	7.3	7.8	8.3
200	6.5	7.0	7.5
250	6.0	6.5	7.0
290	5.7	6.2	6.7
463	4.2	4.7	5.2
606	3.0	3.5	4.0
862	1.2	1.7	2.2
1006	-	0.9	1.3

FLATNESS (dB, Max.)	
85 - 1006	≤ ±0.5 ⁽¹⁾

RETURN LOSS (dB, Min.) – All Ports	
10 – 47	18
47 - 950	18 ⁽²⁾
950 - 1006	10

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Frequency range	5 – 1006 MHz
Nominal impedance	75 Ohm
Connectors	
Input	5/8"-24 female
Output	5/8"-24 female
Dimensions h x w x d (incl. conn./screw)	71 x 95 x 95 mm
Weight	0,290 kg
AC current rating	12A on any ports
Electromagnetic compatibility ⁽³⁾ (dB, Min.)	
5 – 300	85
300 – 470	80
470 – 1006	75
HUM @ 7A (dB, Min.)	
5 - 10	≥ 65
10 - 860	≥ 70
860 - 1006	≥ 65
Material/plating	
Housing	Design with weather resistant powder coating
Notes	
(1) With cable coefficients $0.00124 * f + 0.283 * \text{sqrt}(f)$, 106.5m (= 8 dB slope)	
(2) * F > 47 MHz -1.5 dB/oct.	
(3) Class A, measured according to IEC 60728-2 2010, EMC	

ORDERING INFORMATION

LEQX-1006 Outdoor Line Equalizer