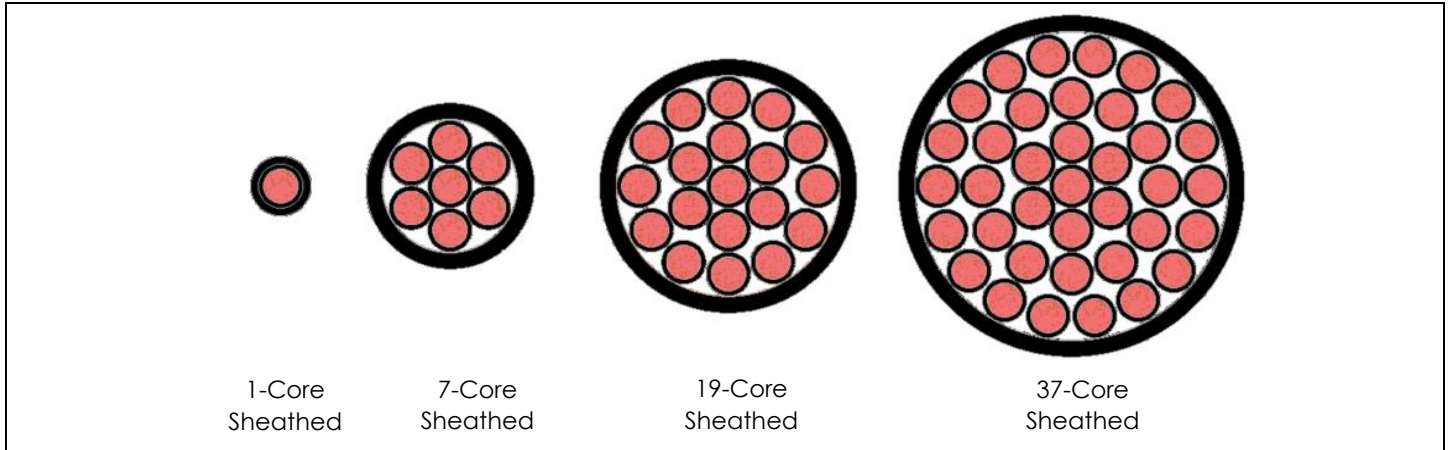


# Brand-Rex Xtreme-100/C

ETFE & PUR insulated cables intended for internal wiring of equipment

Datasheet: LD011836v1



## Construction

<b>Conductor:</b>	Stranded Tin Annealed Copper
<b>Insulation:</b>	Extruded ETFE
<b>Binder Tape:</b>	As required.
<b>Sheath:</b>	PUR Jacket Black. Other colours available if required
<b>Colours:</b>	Brand-Rex colour codes: - 001 – Red, 002 – Black, 003 – White, 004 – Blue, 005 – Green, 006 – Yellow, 007 – Brown, 008 – Grey, 009 – Orange, 012 – Pink, 015 - Violet

## Technical Data

<b>Temperature Rating:</b>	-40°C to +100°C
<b>Voltage Rating:</b>	600 V AC
<b>Test Voltage:</b>	3.4kV AC
<b>Bending Radius:</b>	20 x OD
<b>Performance:</b>	<ul style="list-style-type: none"><li>➢ Flame retardant to IEC 60332-1</li><li>➢ Halogen free to IEC 60754-1 &amp; -2 (Jacket only)</li></ul>

\*\*Other configurations available upon request\*\*

*“Leviton is **dedicated to designing, developing, and manufacturing** sustainable **high performance structured cabling and speciality cabling solutions**”*

The information contained in this document is valid and correct at the time of issue. Leviton reserves the right to modify details without notice in light of subsequent standard/specification changes and ongoing technical developments.

# Brand-Rex Xtreme-100/C

ETFE & PUR insulated cables intended for internal wiring of equipment

Datasheet: LD011836v1



Item Number SPC Number	Cores				Number of Cores	Finished Cable		Electrical
	Tinned Annealed Copper (TAC)		Strands	ETFE		Overall Diameter	Weight	DC Resistance at 20°C for each core Max Ω/km
	CSA	Conductor Diameter		Core Diameter				
	mm <sup>2</sup>	Ø Nom		Ø Nom		Nom kg/km		
1.	0.50	0.90	19/0.18mm	1.46	1	2.46	10	38.49
2.					7	6.52	64	
3.					19	9.44	150	
4.					37	12.36	273	
5.	0.75	1.10	19/0.225mm	1.66	1	2.66	13	24.50
6.					7	7.18	88	
7.					19	10.55	154	
8.					37	13.91	279	
9.	1.00	1.29	32/0.20mm	1.85	1	2.85	16	19.20
10.					7	7.69	104	
11.					19	11.39	254	
12.					37	15.09	473	
13.	1.50	1.56	30/0.25mm	2.32	1	3.32	23	13.10
14.					7	9.10	109	
15.					19	13.74	263	
16.					37	18.38	485	
17.	2.50	2.01	50/0.25mm	2.77	1	3.77	32	8.04
18.					7	10.85	181	
19.					19	16.46	525	
20.					37	21.93	984	
21.	4.00	2.55	56/0.30mm	3.45	1	4.95	51	4.99
22.					7	12.89	331	
23.					19	19.79	840	
24.					37	23.99	1577	
25.	6.00	3.13	84/0.30mm	4.03	1	5.53	73	3.32
26.					7	15.23	493	
27.					19	23.27	1256	
28.					37	31.35	2378	
29.	10.00	4.07	80/0.40mm	4.97	1	6.97	124	1.95
30.					7	19.05	843	
31.					19	28.99	2149	
32.					37	38.93	4073	
33.	16.00	5.46	126/0.40mm	6.36	1	8.36	184	1.24
34.					7	23.22	1262	
35.					19	35.94	3256	
36.					37	48.66	6206	
37.	25.00	6.76	196/0.40mm	7.66	1	10.66	292	0.80
38.					7	28.12	1914	
39.					19	43.44	4943	
40.	35.00	8.00	276/0.40mm	9.50	1	12.50	410	0.57
41.					7	33.64	2728	
42.					19	52.64	7109	
43.	50.00	9.79	396x0.40mm	11.29	1	14.29	410	0.39
44.					7	39.01	2728	

\*Other strand sizes available upon request\*

*“Leviton is dedicated to designing, developing, and manufacturing sustainable high performance structured cabling and speciality cabling solutions”*

The information contained in this document is valid and correct at the time of issue. Leviton reserves the right to modify details without notice in light of subsequent standard/specification changes and ongoing technical developments.