

Three-Core, Sheathed,
600V AC, EBXL 120°C Rolling Stock Cable

The complete requirements for procuring the wire described herein shall consist of this document.



Part Number	Nominal No. of Cores (No.)	Cross Sectional Area (mm ²)	Maximum Resistance @ 20°C (Ohms/km)	Core Diameter Max. (mm)	Sheath Thickness Min. (mm)	Outer Diameter (mm)		Approx. Cable Weight (kg/km)
						Min.	Max.	
RL4131-0.50-*/**/*-*	3	0.50	40.1	1.45	1.00	4.4	5.4	42
RL4131-0.75-*/**/*-*	3	0.75	26.7	1.65	1.00	4.8	6.0	54
RL4131-1.00-*/**/*-*	3	1.00	20.0	1.80	1.00	5.4	6.6	64
RL4131-1.20-*/**/*-*	3	1.20	15.8	2.10	1.00	5.6	6.4	78
RL4131-1.50-*/**/*-*	3	1.50	13.7	2.30	1.00	6.6	7.6	90
RL4131-2.00-*/**/*-*	3	2.00	10.5	2.50	1.00	7.2	8.3	120
RL4131-2.50-*/**/*-*	3	2.50	8.21	2.85	1.00	8.2	9.4	138
RL4131-4.00-*/**/*-*	3	4.00	5.09	3.25	1.00	9.1	10.3	216

Marking

Jacket: "TE Connectivity RL4131- \S -*/**/*-* 600V *Batch Number**"

REQUIREMENT: Where " \S " = The nominal conductor cross-sectional area

The '*' in the part description shall be replaced by a standard colour code designator in accordance with Mil Std 681.

Spaced \leq 500mm longitudinally

Technical Data

Temperature Range -40°C to +120°C

Rated Voltage: 600 V AC

Specification: BS EN 50306-4*

Conductor: BS EN 50306-2

In addition to BS EN 50306-4* Specification, products also meet fire performance tests as per:

EN 45545-2

* Built generally in accordance with EN 50306-4, 3E

Approval

Electronic sign off - no signatures will appear.