



# Caledonian

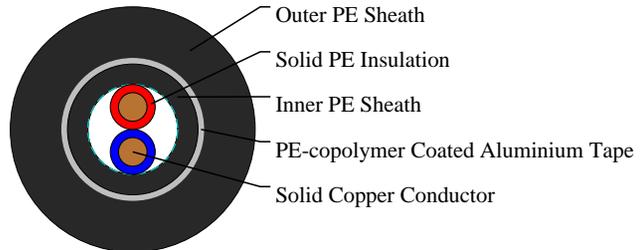
Railway Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

## Twin Datalink Cable

RS1932-2Y2Y(L)2Y-1P1.27



## APPLICATIONS

The cables are used as interconnecting cables for Solid State Interlocking (SSI) systems.

## STANDARDS

BR 1932

## VOLTAGE RATING

300/500V

## CABLE CONSTRUCTION

Conductors: Class 1 solid plain copper conductor.

Insulation: Solid polyethylene.

Inner Sheath: Low density polyethylene.

Moisture barrier: PE Copolymer coated aluminium tape.

Sheath: Low density polyethylene.

Core Identification: Blue & Red

## PHYSICAL AND THERMAL PROPERTIES

Minimum Bending Radius: 6xOD

Temperature Range: -25°C to +85°C (during operation); -10°C to +85°C (during installation)

## Electrical Properties

Electrical Characteristics at 20°C:

Nominal Conductor Diameter: 1.27 mm

Nominal Conductor Cross Section: 2.5 mm<sup>2</sup>

Maximum Conductor Resistance: 7.41 Ω/km

## DIMENSION AND PARAMETERS

No. of Pairs	Conductor Diameter	Nominal Diameter over Insulation	Nominal Outer Sheath Thickness	Overall Diameter (min.)	Overall Diameter (max.)	Approx. Weight
	mm	mm	mm	mm	mm	kg/km



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[marketing@caledonian-cables.com](mailto:marketing@caledonian-cables.com)

1	1.27	2.59	2.5	12.47	12.8	136
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Anti Induction



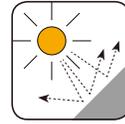
Buried in Ground



Laid In Ducts



Rated voltage



UV Resistant



Water Resistant



Zero Halogen  
IEC 60754-1/EN 50267-2-1  
NF C20-454