



# Caledonian

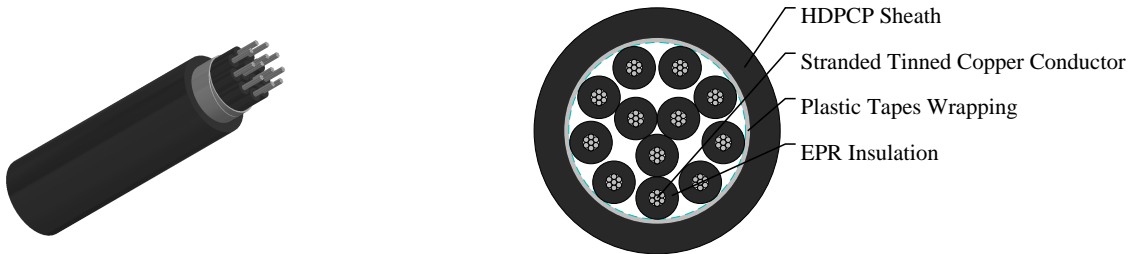
Railway Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

## TYPE B2 Railway Signalling Cable

RS/B2-3G5G-12C0.75S



### APPLICATIONS

The cables are designed for railway signalling systems. The cables are suitable for use in d.c. circuits where the nominal voltage to earth does not exceed 1100 volts and installation in ducts.

### STANDARDS

NR/PS/SIG/00005(formerly RT/E/PS/00005)

### VOLTAGE RATING

0.65/1.1 KV

### CABLE CONSTRUCTION

Conductors: Tinned stranded copper, class 2 according to IEC 60228 & BS6360

Insulation: EPR Type GP4 to BS7655

Wrapping: Plastic tape(s) with overlapping

Sheath: HDPCP Type RS2 to BS7655

### PHYSICAL AND THERMAL PROPERTIES

Minimum Bending Radius: 6xOD (static); 15xOD (dynamic)

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

### DIMENSION AND PARAMETERS

| No. of Cores<br>× Cross-sectional<br>Area | No./Nominal<br>Diameter<br>of Strands | Nominal<br>Insulation<br>Thickness | Nominal<br>Sheath<br>Thickness | Overall<br>Diameter<br>(min.) | Overall<br>Diameter<br>(max.) | Approx.<br>Weight | max.<br>conductor<br>resistance |
|---|---------------------------------------|------------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------|---------------------------------|
| No.×mm <sup>2</sup>                       | no./mm                                | mm                                 | mm                             | mm                            | mm                            | kg/km             | Ω/km                            |
| 12x0.75                                   | 7/0.37                                | 0.85                               | 2                              | 14.8                          | 18.5                          | 321               | 24.8                            |



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Highly Flexible



Impact Resistant



Laid In Ducts



Oil Resistant



Rated voltage



Water Resistant