

TECHNICAL DATASHEET – R27

Low Smoke Zero Halogen Railway Signalling



Specification RT/E/PS/00005 Type A1
Voltage Rating 0.65/1.1 kV
Description Flexible tinned copper conductors,
LSZH insulation

No. of cores & Nominal Cross Sectional Area of Conductor	No. & Nominal Diameter of Strands	Maximum DC Conductor Resistance @ 20°C	Nominal Overall Diameter	Nominal Weight
no x mm ²	no/mm	Ω/Km	mm	Kg/Km
1 x 0.75	7/0.37	24.80	2.89 (BE)	16.00
1 x 0.75	7/0.37	24.80	2.89 (BN)	16.00
1 x 0.75	7/0.37	24.80	2.89 (RD)	16.00
1 x 0.75	7/0.37	24.80	2.89 (OE)	16.00
1 x 0.75	7/0.37	24.80	2.89 (GY)	16.00
1 x 0.75	7/0.37	24.80	2.89 (VT)	16.00
1 x 0.75	7/0.37	24.80	2.89 (BK)	16.00
1 x 1.15	16/0.30	17.30	3.20 (BK)	21.00

General Note

AEI Cables reserves the right to amend the product information without notice or liability.
The information is considered accurate at the time of going to print.



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TECHNICAL DATASHEET – R27

Low Smoke Zero Halogen Railway Signalling



Specification RT/E/PS/00005 Type A3
Voltage Rating 0.65/1.1 kV
Description Flexible tinned copper conductors,
EPR insulation cores laid up, LSZH sheath

No. of cores & Nominal Cross Sectional Area of Conductor	No. & Nominal Diameter of Strands	Maximum DC Conductor Resistance @ 20°C	Nominal Overall Diameter	Nominal Weight
no x mm ²	no/mm	Ω/Km	mm	Kg/Km
2 x 0.75	7/0.37	24.80	8.10	67.00
4 x 0.75	7/0.37	24.80	8.90	108.00
6 x 0.75	7/0.37	24.80	11.50	160.00
10 x 0.75	7/0.37	24.80	13.80	259.00
14 x 0.75	7/0.37	24.80	15.10	495.00
36 x 0.75	7/0.37	24.80	21.90	752.00

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