

TECHNICAL DATASHEET – R28

Railway Signalling



Specification RT/E/PS/00005 Type B1
Voltage Rating 0.65/1.1 kV
Description Stranded tinned copper conductors,
EPR insulation, cores laid up, PCP 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
1 x 10.00	7/1.35	1.84	10.35	189.00
1 x 35.00	19/1.53	0.529	14.60	495.00

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 – R28

Railway Signalling



Specification RT/E/PS/00005 Type B2
Voltage Rating 0.65/1.1 kV
Description Stranded tinned copper conductors,
 EPR insulation, cores laid up, PCP 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 1.50	7/0.53	12.20	10.90	135.00
2 x 2.50	7/0.67	7.56	11.60	170.00
2 x 10.00	7/1.35	1.84	16.60	443.00
2 x 35.00	19/1.53	0.529	25.30	1230.00
2 x 70.00	19/2.14	0.270	32.90	2053.00
2 x 95.00	19/2.52	0.195	38.00	2968.00
4 x 0.75	7/0.37	24.80	11.40	140.00
7 x 0.75	7/0.37	24.80	13.30	214.00
10 x 0.75	7/0.37	24.80	15.60	280.00
12 x 0.75	7/0.37	24.80	15.90	321.00
19 x 0.75	7/0.37	24.80	18.80	451.00
27 x 0.75	7/0.37	24.80	22.10	602.00
37 x 0.75	7/0.37	24.80	25.00	799.00
48 x 0.75	7/0.37	24.80	26.20	973.00
4 x 1.50	7/0.53	12.20	12.50	217.00
7 x 1.50	7/0.53	12.20	14.10	296.00
10 x 1.50	7/0.53	12.20	17.70	401.00
12 x 1.50	7/0.53	12.20	17.90	437.00
19 x 1.50	7/0.53	12.20	19.90	615.00
27 x 1.50	7/0.53	12.20	23.90	856.00
37 x 1.50	7/0.53	12.20	27.50	1126.00
48 x 1.50	7/0.53	12.20	31.80	1494.00

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Description Stranded tinned copper conductors,
EPR insulation, cores laid up, PCP 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
4 x 2.50	7/0.67	7.56	13.20	260.00
7 x 2.50	7/0.67	7.56	15.30	370.00
10 x 2.50	7/0.67	7.56	19.30	520.00
12 x 2.50	7/0.67	7.56	19.70	599.00
19 x 2.50	7/0.67	7.56	22.80	835.00
27 x 2.50	7/0.67	7.56	27.50	1232.00
37 x 2.50	7/0.67	7.56	31.00	1623.00
48 x 2.50	7/0.67	7.56	35.70	2032.00
6P x 0.75	7/0.37	24.80	20.10	372.00

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