

TECHNICAL DATASHEET – R5

Limited Fire Hazard Power



Specification EME-SP-14-026
Voltage Rating 0.45/0.75 kV
Description Stranded plain 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 1.50	7/0.53	12.10	3.00	22.00
1 x 2.50	7/0.67	7.41	3.60	34.00
1 x 4.00	7/0.85	4.61	4.10	50.00
1 x 6.00	7/1.04	3.08	4.70	70.00
1 x 10.00	7/1.35	1.83	5.80	114.00
1 x 16.00	1/1.70	1.15	6.80	175.00
1 x 25.00	7/2.14	0.727	8.60	272.00
1 x 35.00	19/1.53	0.524	10.20	377.00
1 x 50.00	19/1.78	0.387	11.90	509.00
1 x 70.00	19/2.14	0.268	12.80	697.00
1 x 95.00	37/1.78	0.193	15.00	961.00
1 x 120.00	37/2.03	0.153	16.60	1203.00
1 x 150.00	37/2.25	0.124	18.50	1510.00
1 x 185.00	37/2.52	0.0991	20.80	1855.00
1 x 240.00	61/2.25	0.0754	25.40	2451.00
1 x 300.00	61/2.52	0.0601	28.10	3031.00
1 x 400.00	61/2.85	0.0470	31.60	3898.00
1 x 500.00	61/3.20	0.0366	35.20	4894.00
1 x 630.00	127/2.52	0.0283	39.10	6244.00

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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