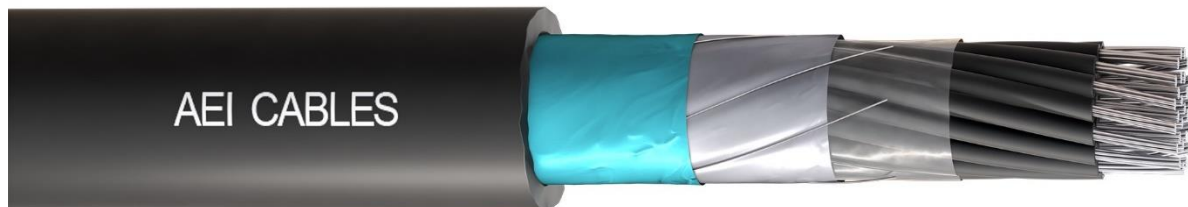


TECHNICAL DATA SHEET

G 7250 D2

<u>Manufacturing Standard</u>	G7250 D2
<u>Code of Practise/Guide to Use</u>	E4156/S1121
<u>Emissions & Flame Propagation</u>	1-085



Construction

- Class 1 or Class 2 Tinned Copper Conductor to BS EN60228
- EPR Insulation
- Aluminium Taped Spiral Screen
- LSZH Sheathed

Core Colour	Black
Sheath Colour	Black
Bend Radius	6 x O/D
Operating Temp	-15°C to +85°C
Voltage Rating	650/1100 Volt

TECHNICAL DATA SHEET

G7250 D2

No of Units & Nominal Cross Sectional Area of Conductor	No. & Nominal Diameter of Strand	Maximum DC Conductor & Screen Resistance @ 20°C	Nominal Overall Diameter	Nominal Weight
No. x mm ²	No. x mm	Ω/Km	mm	Kg/Km
1 x 0.60	1/0.85	33.2	8.40	70
1 x 1.00	1/1.13	18.2	9.00	80
1 x 1.85	1/1.53	9.96	9.90	–
1 x 2.50	7/0.67	7.56	11.80	–
1 x 4.00	7/0.85	4.7	13.80	–
1 x 6.00	7/1.04	3.11	15.10	–
1 x 10.00	7/1.35	1.84	17.10	–
2 x 0.60	1/0.85	33.2	8.20	105
2 x 1.00	1/1.13	18.2	8.70	115
2 x 1.85	1/1.53	9.96	9.60	150
2 x 2.50	7/0.67	7.56	11.30	210
2 x 4.00	7/0.85	4.7	13.00	280
2 x 6.00	7/1.04	3.11	14.10	–
2 x 10	7/1.35	1.84	15.80	–
2 x 16	7/1.70	1.16	17.80	640
2 x 25	7/2.14	0.73	21.10	–
2 x 35	19/1.53	0.53	23.80	–
2 x 50	19/1.78	0.39	27.00	–
2 x 70	19/2.14	0.27	30.80	–
2 x 95	19/2.52	0.195	35.60	–
2 x 120	37/2.03	0.154	39.10	–
2 x 150	37/2.25	0.126	43.10	4210

TECHNICAL DATA SHEET

G7250 D2

No of Units & Nominal Cross Sectional Area of Conductor	No. & Nominal Diameter of Strand	Maximum DC Conductor & Screen Resistance @ 20°C	Nominal Overall Diameter	Nominal Weight
No. x mm ²	No. x mm	Ω/Km	mm	Kg/Km
4 x 0.60	1/0.85	33.2	9.00	–
4 x 1.00	1/1.13	18.2	9.60	150
4 x 1.85	1/1.53	9.96	10.60	215
4 x 2.50	7/0.67	7.56	12.70	–
4 x 4.00	7/0.85	4.7	15.00	–
4 x 6.00	7/1.04	3.11	16.40	475
4 x 10.00	7/1.35	1.84	18.60	700
5 x 0.60	1/0.85	33.2	9.50	–
5 x 1.00	1/1.13	18.2	10.30	–
5 x 1.85	1/1.53	9.96	11.40	–
5 x 2.50	7/0.67	7.56	13.80	–
5 x 4.00	7/0.85	4.7	16.30	–
5 x 6.00	7/1.04	3.11	17.80	–
5 x 10.00	7/1.35	1.84	20.30	–
6 x 0.60	1/0.85	33.2	10.20	–
6 x 1.00	1/1.13	18.2	11.00	190
6 x 1.85	1/1.53	9.96	12.20	275
6 x 2.50	7/0.67	7.56	14.80	–
6 x 4.00	7/0.85	4.7	17.70	540
6 x 6.00	7/1.04	3.11	19.40	740
6 x 10.00	7/1.35	1.84	22.60	760

TECHNICAL DATA SHEET

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No of Units & Nominal Cross Sectional Area of Conductor	No. & Nominal Diameter of Strand	Maximum DC Conductor & Screen Resistance @ 20°C	Nominal Overall Diameter	Nominal Weight
No. x mm ²	No. x mm	Ω/Km	mm	Kg/Km
7 x 0.60	1/0.85	33.2	10.20	–
7 x 1.00	1/1.13	18.2	11.00	–
7 x 1.85	1/1.53	9.96	12.20	–
7 x 2.50	7/0.67	7.56	14.80	–
7 x 4.00	7/0.85	4.7	17.70	–
7 x 6.00	7/1.04	3.11	19.40	–
7 x 10.00	7/1.35	1.84	22.60	–
10 x 0.60	1/0.85	33.2	12.20	–
10 x 1.00	1/1.13	18.2	13.30	115
10 x 1.85	1/1.53	9.96	14.90	385
10 x 2.50	7/0.67	7.56	18.40	–
10 x 4.00	7/0.85	4.7	22.20	845
10 x 6.00	7/1.04	3.11	24.90	1100
10 x 10.00	7/1.35	1.84	29.00	1630
12 x 0.60	1/0.85	33.2	12.50	–
12 x 1.00	1/1.13	18.2	13.70	–
12 x 1.85	1/1.53	9.96	15.40	290
12 x 2.50	7/0.67	7.56	19.00	–
12 x 4.00	7/0.85	4.7	23.30	–
12 x 6.00	7/1.04	3.11	25.70	–
12 x 10.00	7/1.35	1.84	30.00	–

TECHNICAL DATA SHEET

G7250 D2

No of Units & Nominal Cross Sectional Area of Conductor	No. & Nominal Diameter of Strand	Maximum DC Conductor & Screen Resistance @ 20°C	Nominal Overall Diameter	Nominal Weight
No. x mm ²	No. x mm	Ω/Km	mm	Kg/Km
16 x 0.60	1/0.85	33.2	13.60	–
16 x 1.00	1/1.13	18.2	15.00	–
16 x 1.85	1/1.53	9.96	16.80	530
16 x 2.50	7/0.67	7.56	21.00	–
16 x 4.00	7/0.85	4.7	25.80	–
16 x 6.00	7/1.04	3.11	28.90	–
16 x 10.00	7/1.35	1.84	33.60	–
19 x 0.60	1/0.85	33.2	14.30	–
19 x 1.00	1/1.13	18.2	15.70	–
19 x 1.85	1/1.53	9.96	17.70	600
19 x 2.50	7/0.67	7.56	22.10	–
19 x 4.00	7/0.85	4.7	27.20	–
19 x 6.00	7/1.04	3.11	30.40	–
19 x 10.00	7/1.35	1.84	35.50	2775
24 x 0.60	1/0.85	33.2	16.30	–
24 x 1.00	1/1.13	18.2	18.00	–
24 x 1.85	1/1.53	9.96	20.80	–
24 x 2.50	7/0.67	7.56	26.10	–
27 x 0.60	1/0.85	33.2	16.60	–
27 x 1.00	1/1.13	18.2	18.40	–
27 x 1.85	1/1.53	9.96	21.20	875
27 x 2.50	7/0.67	7.56	26.60	–

TECHNICAL DATA SHEET

G7250 D2

No of Units & Nominal Cross Sectional Area of Conductor	No. & Nominal Diameter of Strand	Maximum DC Conductor & Screen Resistance @ 20°C	Nominal Overall Diameter	Nominal Weight
No. x mm ²	No. x mm	Ω/Km	mm	Kg/Km
30 x 0.60	1/0.85	33.2	17.20	–
30 x 1.00	1/1.13	18.2	19.00	–
30 x 1.85	1/1.53	9.96	21.90	–
30 x 2.50	7/0.67	7.56	28.00	–
33 x 0.60	1/0.85	33.2	17.70	–
33 x 1.00	1/1.13	18.2	20.00	–
33 x 1.85	1/1.53	9.96	22.70	–
33 x 2.50	7/0.67	7.56	29.00	–
37 x 0.60	1/0.85	33.2	18.40	–
37 x 1.00	1/1.13	18.2	20.70	–
37 x 1.85	1/1.53	9.96	23.90	1115
37 x 2.50	7/0.67	7.56	30.10	–
40 x 0.60	1/0.85	33.2	19.50	–
40 x 1.00	1/1.13	18.2	21.50	–
40 x 1.85	1/1.53	9.96	24.90	–
40 x 2.50	7/0.67	7.56	31.30	–
44 x 0.60	1/0.85	33.2	20.80	–
44 x 1.00	1/1.13	18.2	23.00	–
44 x 1.85	1/1.53	9.96	26.60	–
44 x 2.50	7/0.67	7.56	34.10	–

TECHNICAL DATA SHEET

G7250 D2

No of Units & Nominal Cross Sectional Area of Conductor	No. & Nominal Diameter of Strand	Maximum DC Conductor & Screen Resistance @ 20°C	Nominal Overall Diameter	Nominal Weight
No. x mm ²	No. x mm	Ω/Km	mm	Kg/Km
48 x 0.60	1/0.85	33.2	21.10	–
48 x 1.00	1/1.13	18.2	23.40	870
48 x 1.85	1/1.53	9.96	27.10	–
48 x 2.50	7/0.67	7.56	34.70	–
52 x 0.60	1/0.85	33.2	21.70	–
52 x 1.00	1/1.13	18.2	24.40	–
52 x 1.85	1/1.53	9.96	27.80	–
52 x 2.50	7/0.67	7.56	35.60	–
56 x 0.60	1/0.85	33.2	22.20	–
56 x 1.00	1/1.13	18.2	25.10	–
56 x 1.85	1/1.53	9.96	28.60	–
56 x 2.50	7/0.67	7.56	36.60	–
61 x 0.60	1/0.85	33.2	22.90	–
61 x 1.00	1/1.13	18.2	25.80	–
61 x 1.85	1/1.53	9.96	29.80	–
61 x 2.50	7/0.67	7.56	38.10	2350