

## Metal-leaf shielded cables for automotives

### Application:

- Cables used for low voltage circuits in automobiles (vehicles and motorcycles); especially for applications where shielding of cables are required for such as sensor leads and electronic circuits.

### Construction:

- Annealed stranded copper conductor.  
 - PVC insulation, type T1.  
 - Aluminum foil.  
 - PVC sheath type T1.

### General specification:

- Working temperature: Max. 80°C.  
 - Code designation: LE-SS.

Cross-sectional area Nom.	No. of wires x diameter Nom.	Stranding outer diameter mm	Shield		Sheath		weight Approx. kg/km	Conductor resistance at 20°C Max. Ω/km
			Wire diameter mm	Overall diameter mm	Thickness mm	Mean overall diameter mm		
mm <sup>2</sup>	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
1C x 0.5	7 x 0.32	-	0.05	2.60	0.55	3.70	19	32.7
1C x 1.25	19 x 0.29	-	0.05	3.10	0.60	4.30	29	14.9
2C x 0.3	7 x 0.26	2.80	0.05	2.90	0.60	4.10	24	50.2
2C x 0.5	7 x 0.32	3.20	0.05	3.30	0.60	4.50	29	32.7
2C x 0.85	19 x 0.24	3.60	0.05	3.70	0.60	4.90	37	21.7
2C x 1.25	19 x 0.29	4.20	0.05	4.30	0.60	5.50	48	14.9
3C x 0.3	7 x 0.26	3.02	0.05	3.12	0.59	4.30	29	50.2
3C x 0.5	7 x 0.32	3.45	0.05	3.55	0.73	5.00	40	32.7
4C x 0.3	7 x 0.26	3.38	0.05	3.48	0.66	4.80	37	50.2
4C x 0.5	7 x 0.32	3.86	0.05	3.96	0.82	5.60	51	32.7
5C x 0.3	7 x 0.26	3.78	0.05	3.88	0.91	5.70	50	50.2
5C x 0.5	7 x 0.32	4.32	0.05	4.42	0.91	6.24	63	32.7
6C x 0.3	7 x 0.26	4.20	0.05	4.30	0.75	5.80	53	50.2
6C x 0.5	7 x 0.32	4.80	0.05	4.90	0.75	6.40	69	32.7
6C x 0.85	19 x 0.24	5.40	0.05	5.50	0.60	6.70	87	21.7
7C x 0.3	7 x 0.26	4.20	0.05	4.30	0.75	5.80	56	50.2
8C x 0.3	7 x 0.26	5.10	0.05	5.20	0.75	6.70	70	50.2