

**Application**

- ✓ Low-tension electric wire for automobiles.
- ✓ Used in motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.
- ✓ Especially used for circuits requiring heat resistance.

**Product Construction**

- ✓ Conductor : Soft-annealed electrolytic copper E-Cu ETP1 according to JIS C 3102, bare conductor construction according to JASO D 611 : 2014
- ✓ Insulation : Lead free PVC.
- ✓ Colour : As per customer order.
- ✓ Single core

**Technical Data**

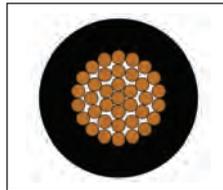
- ✓ Temperature Range : - 40°C to +80°C (3000 Hours)
- ✓ Standard : JASO D 611: 2014
- ✓ Test Voltage : 1 kV
- ✓ EB - Earth bond low voltages cables for automobiles

**Features**

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, petrol and diesel.
- ✓ Flexible conductors with PVC thin wall insulation for smaller diameter and lesser weight.
- ✓ Extra flexibility.

Automotive Cables      Grounding Cable(EB)

**2D View**



Approvals	Accreditations	Certifications

Part Number	Conductor Construction			Insulation Wall Thickness Nom.	Cable		Max. Conductor Resistance at 20°C	Current Carrying Capacity	Standard Length*	
	Nominal Cross-Section	No. of Strands / Strand dia	Conductor Diameter Approx.		Overall Diameter					Weight Approx.
					Nom.	Max.				
	mm <sup>2</sup>	nos/mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
83121XX*	5	7/9/0.32	3.1	0.60	4.3	4.7	57	3.71	50	500
83126XX	9	7/16/0.32	4.2	0.60	5.4	5.8	94	2.09	72	500
83127XX	10	19/6/0.32	4.2	0.60	5.5	5.9	96	2.05	73	500
83155XX	15	19/9/0.32	5.3	0.60	6.5	6.9	140	1.37	94	500
83156XX	20	19/13/0.32	6.5	0.60	7.7	8.1	191	0.946	119	500
83157XX	30	19/19/0.32	7.8	0.60	9.0	9.4	275	0.647	150	500
83158XX	40	19/26/0.32	9.1	0.60	10.3	10.8	371	0.473	182	500
83134XX	50	19/32/0.32	10.1	0.60	11.3	11.9	454	0.384	206	500
83135XX	60	19/39/0.32	11.1	0.60	12.3	12.9	548	0.315	234	500
83159XX	85	19/56/0.32	13.1	0.60	14.3	15.0	773	0.220	302	500

Note : XX\* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

Red - 01	Yellow - 02	Blue - 03	Black - 04	Green - 05	Yellow-Green - 06	Grey - 07	Brown - 08	White - 09	Orange - 10	Violet - 11
Chocolate - 12	Tan - 13	Charcoal - 14	LT Blue - 15	DK Grey - 16	LT Green - 17	DK Green - 18	DK Blue - 19	Purple - 20	Pink - 21	

- ✓ \* Other length as per Customer order.
- ✓ Current Carrying capacity given is for the maximum conductor operating temperature of 80°C and ambient air temperature of 40°C.
- \*\* We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.



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