



**Application**

- ✓ High voltage, flexible electromagnetically Shielded automotive cable for applications on EV, HEV, FCEV wiring systems.
- ✓ Maximum temperature (ISO 6722 Class D) : 150 °C.
- ✓ Flexible and easy to handle for harnessing.

**Product Construction**

- ✓ Conductor : Soft-annealed electrolytic copper E-Cu ETP1 according to JIS C 3102, tinned conductor
- ✓ Insulation : Electron beam cross linked polyethylene, (XLPE) -150°C
- ✓ Shielding : ATC
- ✓ Sheath : PVC 105°C or HF-XLPO

**Technical Data**

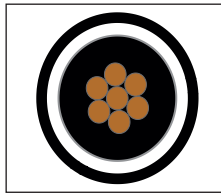
- ✓ Temperature Range : - 40°C to +150°C (3000 Hours)
- ✓ Standard : ISO 6722, Class D
- ✓ Test Voltage : 5 kV for 5 minutes
- ✓ E : Electric Automobile
- ✓ EHX : Halogen free irradiated cross-linked Polyethylene

**Features**

- ✓ Reliable to high-voltage & Current Conditions.
- ✓ Excellent EMI, EMC noise reduction.
- ✓ Eco-friendly designed materials.

Automotive Cables **EEHX**

**2D View**



**Approvals Accreditations Certifications**

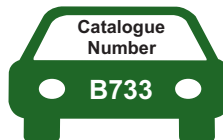


Part Number	Conductor Construction				Insulation Wall Thickness Nom.	Shielding Braiding wire dia.	Outer Sheath Thickness Max.	Overall dia Diameter Max.	Weight Approx.	Max. Conductor Resistance at 20°C	Standard Length*
	Nominal Cross-Section	No. of Strand	Strand dia	Outer Diameter Max.							
	mm <sup>2</sup>	Nos	mm	mm	mm	mm	mm	mm	kg/km	Ω/km	mtrs
B73312XX	1.25	19	0.30	1.70	0.60	0.12	0.50	5.2	45	15.9	1000
B73317XX	3	37	0.34	2.40	0.70	0.12	0.50	6.3	70	6.36	1000
B73321XX	5	37	0.43	3.10	0.80	0.14	0.80	7.8	110	4.02	1000
B73325XX	8	98	0.33	4.30	0.80	0.14	0.80	8.5	145	2.52	500
B73355XX	15	171	0.33	5.70	1.10	0.18	1.00	10.9	245	1.44	500
B73356XX	20	247	0.33	6.90	1.10	0.18	1.00	11.9	315	0.999	500
B73330XX	25	154	0.46	7.20	1.30	0.18	1.00	12.9	375	0.757	500
B73358XX	40	494	0.33	9.60	1.40	0.18	1.50	16.1	590	0.500	500
B73334XX	50	798	0.30	10.50	1.50	0.18	1.50	17.6	740	0.375	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	

- ✓ In case Sheath material is HF-XLPO, first four digit of a Part Number is B734
  - ✓ \* Other length as per Customer order.
  - ✓ Current Carrying capacity given is for the maximum conductor operating temperature of 150°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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