

**Application**

- ✓ High voltage and high current circuit in electric vehicles
- ✓ High reliability
- ✓ Low cost
- ✓ High ecological solution

**Product Construction**

- ✓ Conductor : Soft-annealed electrolytic copper E-Cu ETP1 according to JIS C 3102, tinned conductor construction
- ✓ Insulation : Electron beam cross linked polyethylene.
- ✓ Screening : Tinned Copper
- ✓ Sheath : PVC
- ✓ Single core

**Technical Data**

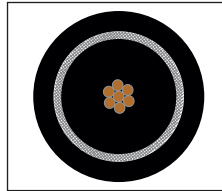
- ✓ Temperature Range : - 40°C to +120°C (3000 Hours)
- ✓ Standard : ISO 6722
- ✓ Test Voltage : 5 kV for 5 minutes
- ✓ A : Automobiles
- ✓ T : Tinned annealed copper wire
- ✓ E : Electric Automobile
- ✓ EX : Halogen free irradiated cross-linked Polyethylene (Insulation)
- ✓ S : with Shield

**Features**

- ✓ Flame retardant.
- ✓ Highly resistant against acids, lyes, petrol and diesel.
- ✓ Flexible conductor with Electron beam cross linked polyethylene thin wall insulation for smaller diameter and lesser weight.
- ✓ Heat resistant.

Automotive Cables **ATEEXS**

**2D View**



**Approvals Accreditations Certifications**

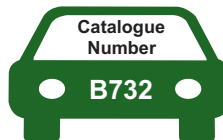


Part Number	Conductor Construction				Insulation Wall Thickness Nom.	Braiding wire dia.	Outer Sheath Thickness Max.	Overall dia Diameter Max.	Weight Approx.	Max. Conductor Resistance at 20°C	Current Carrying Capacity	Standard Length*
	Nominal Cross-Section	No. of Strands	Diameter of Single wire max.	Conductor Diameter Max.								
	mm <sup>2</sup>	nos.	mm	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
B732A11XX*	12	154	0.33	5.40	1.0	0.18	0.8	10.8	215	1.60	122	1000
B73255XX	15	171	0.33	5.70	1.0	0.18	0.8	11.4	235	1.44	134	1000
B73256XX	20	247	0.33	6.90	1.1	0.18	0.8	12.5	305	0.999	161	1000
B73257XX	30	367	0.33	8.30	1.3	0.18	0.8	14.3	415	0.684	201	500
B73258XX	40	494	0.33	9.60	1.4	0.18	1.2	16.4	565	0.500	241	500
B73234XX	50	798	0.30	10.50	1.5	0.18	1.2	17.5	715	0.375	282	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 120°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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