

Application

- ✓ Wire harness of low-tension electric circuits 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 624
- ✓ Insulation : Specially formulated Cross Linked PE Mixture.
- ✓ Colour : As per customer order.
- ✓ Single core

Technical Data

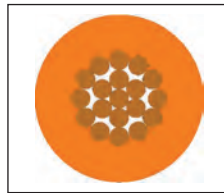
- ✓ Temperature Range : - 40°C to +120°C
- ✓ Standard : JASO D 624
- ✓ Test Voltage : 5 kV for 5 min.
- ✓ E : Use for EV
- ✓ E : Polyethylene Insulated
- ✓ X : Electron Beam Cross Linked
- ✓ f : Extra Flexible conductor

Features

- ✓ Flame retardant
- ✓ Heat resistant
- ✓ Good flexibility
- ✓ Fire : Self extinguishing
- ✓ Soldering iron resistant
- ✓ Highly resistant against acids, lyes, petrol and diesel.

Automotive Cables **EEX-f**

2D View



Approvals Accreditations Certifications



Part Number	Conductor Construction				Insulation Wall Thickness Nom.	Cable			Max. Conductor Resistance at 20°C	Current Carrying Capacity
	Nominal Cross-Section	No. of Strands	Diameter of Single wire Nom.	Conductor Diameter Approx.		Overall Diameter		Weight Approx.		
						Nom.	Max.			
	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps
C38406XX*	0.5f	20	0.18	1.0	0.5	2.0	2.2	9.5	36.7	16
C38412XX	1.25f	50	0.18	1.5	0.6	2.7	2.9	19	14.7	28
C38414XX	2f	37	0.26	1.8	0.6	3.0	3.3	26	9.50	37
C38417XX	3f	58	0.26	2.3	0.7	3.7	4.0	39	6.06	49
C38421XX	5f	98	0.26	3.0	0.8	4.6	4.9	62	3.59	67
C38425XX	8f	7/22	0.26	4.0	0.8	5.6	5.9	93	2.33	88
C38427XX	10f	7/27	0.26	4.5	1.0	6.5	6.9	120	1.90	101
C38458XX	40f	37/92	0.12	8.9	1.4	11.7	12.4	410	0.494	227
C38434XX	50f	19/50	0.26	10.2	1.6	13.4	14.2	540	0.377	274

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	

✓ 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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