

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.
- ✓ Braiding : Annealed Tinned Copper
- ✓ Outer Sheath : Specially formulated Cross Linked Elastomer 100°C
- ✓ Sheath Colour : Orange

Technical Data

- ✓ Temperature Range : - 40°C to +120°C
- ✓ Standard : JASO D 624
- ✓ Test Voltage : Insulation - 5 kV for 5 min.
Sheath - 1 kV for 1 min.
- ✓ E : Use for EV
- ✓ E : Polyethylene Insulated
- ✓ X : Electron Beam Cross Linked
- ✓ S/BS : With Braided Shield
- ✓ f : Extra Flexible conductor

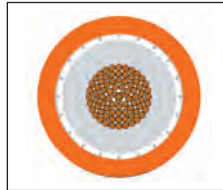
Features

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

Automotive Cables

EEXS-f/EEXBS-f

2D View



Approvals Accreditations Certifications



Part Number	Conductor Construction				Insulation Wall Thickness Nom.	Braid Wire dia Nom.	Sheath 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	mm	kg/km	Ω/km	Amps	
C38506XXYY*	0.5f	20	0.18	1.0	0.5	0.12	0.5	3.5	3.8	25	36.7	16
C38512XXYY	1.25f	50	0.18	1.5	0.6	0.12	0.5	4.2	4.5	39	14.7	28
C38514XXYY	2f	37	0.26	1.8	0.6	0.12	0.5	4.5	4.8	48	9.50	37
C38517XXYY	3f	58	0.26	2.3	0.7	0.12	0.5	5.2	5.5	66	6.06	49
C38521XXYY	5f	98	0.26	3.0	0.8	0.12	0.5	6.1	6.5	98	3.59	67
C38525XXYY	8f	7/22	0.26	4.0	0.8	0.12	0.5	7.1	7.5	135	2.33	88
C38527XXYY	10f	7/27	0.26	4.5	1.0	0.18	0.8	8.8	9.2	190	1.90	101
C38558XXYY	40f	37/92	0.12	8.9	1.4	0.12	1.5	15.2	15.8	570	0.494	227
C38534XXYY	50f	19/50	0.26	10.2	1.6	0.18	1.5	17.2	17.8	740	0.377	274

Note : XX* & YY* : Please add last two digits in the part number as per the colour code given hereunder replacing XX & YY while ordering, for Insulation and Sheath respectively.

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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