

**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.

**Features**

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, petrol and diesel.
- ✓ Heat resistant.

**Product Construction**

- ✓ Conductor : Soft-annealed electrolytic copper E-Cu ETP1 according to JIS C 3102, bare conductor construction according to JASO D 624
- ✓ Insulation : Electron Beam Cross Linked Polyethylene.
- ✓ Braiding : Annealed Tinned Copper
- ✓ Outer Sheath : Electron Beam Cross Linked Elastomer 100°C
- ✓ Sheath Colour : Orange

**Technical Data**

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

**Automotive Cables** EEXS-f/EEXBS-f

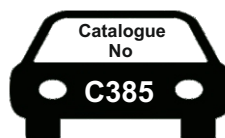
ISO 9001	ISO 14001	IATF 16949	AS 9100	ISO 45001	IRIS™ Certification

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 <sup>2</sup>	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.



Siechem Wires & Cables Meet EU RoHS Directive

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