



Siechem Automotive Engine Harness Wire ISO 19642-3 Class D

Application

- ✓ For use in automotive engine compartment to withstand excessive heat and to give protection from engine fluids.

Product Construction

- ✓ Conductor : Soft-annealed electrolytic copper construction (Tinned Copper on request (Structure C)
- ✓ Insulation : EBXL special polymer uni sheathed
- ✓ Colour : As per customer order.
- ✓ Single core, Single layer.

Technical Data

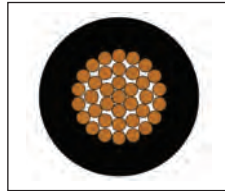
- ✓ Temperature Range : - 40°C to +150°C (ISO 19642-3 Class D)
- ✓ Voltage : 60 V
- ✓ Specification : ISO 19642-3

Features

- ✓ High temperature resistance
- ✓ Electron Beam Cross Linked
- ✓ Class D Compliant
- ✓ Available in twisted pairs and triples
- ✓ Thin wall designs
- ✓ Excellent oil resistance at high temperature
- ✓ T4 Rated (3000 hrs @ 150°C)
- ✓ Designed for 150°C continuous use.
- ✓ Flame Retardant
- ✓ Mechanically Robust
- ✓ Abrasion resistant

Automotive Cables Class D

2D View



Approvals	Accreditations	Certifications

Part Number	Conductor Construction				Insulation Wall Thickness min.	Cable			Current Carrying Capacity	Max. Conductor Resistance at 20°C		
	Nominal Cross-Section	No. of Strands	Diameter of Single wire max.	Conductor Diameter Max.		Overall Diameter		Weight Approx.		Amps	Plain	Tinned
						Min.	Max.					
C54919XX *	4	224	0.16	2.80	0.32	3.40	3.70	40	64	4.71	4.85	
C54923XX	6	320	0.16	3.40	0.32	4.00	4.30	60	82	3.14	3.23	
C54927XX	10	320	0.21	4.50	0.48	5.30	6.00	108	119	1.82	1.85	
C549A11XX	12	380	0.21	5.40	0.48	5.80	6.50	130	135	1.52	1.60	
C54928XX	16	512	0.21	6.30	0.52	6.40	7.20	173	160	1.16	1.18	
C54956XX	20	610	0.21	6.90	0.52	7.00	7.80	206	180	0.955	0.999	
C54930XX	25	790	0.21	7.80	0.52	7.90	8.70	260	211	0.743	0.757	
C54932XX	35	1070	0.21	9.00	0.64	9.40	10.40	368	259	0.527	0.538	
C54958XX	40	1200	0.21	9.60	0.71	10.00	11.10	403	278	0.473	0.500	
C54934XX	50	1600	0.21	10.50	0.71	11.00	12.20	509	321	0.368	0.375	
C54935XX	60	1200	0.26	11.60	0.80	12.00	13.30	621	360	0.315	0.333	
C54937XX	70	1427	0.26	12.50	0.80	13.00	14.40	700	411	0.259	0.264	
C54938XX	95	1936	0.26	14.80	0.90	15.30	16.70	978	509	0.196	0.200	

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	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	Blue-Black-30	Blue-Yellow-32	Blue-Green-33	Black-White-40	Black-Yellow-41	Green-Black-42	Green-Red-43	Grey-Red-47	Grey-Blue-50	Brown-Yellow-57
Orange-Grey-68	Orange-Green-71	Violet-Green-77	Pink-Black-79	Yellow-Black-96	Yellow-Orange-98	Blue-White-A02	Green-White-A04	Blue-Orange-A14	Black-Grey-A16	Pink-Green-A20	Green-Pink-A28	Green-Violet-A35		

- ✓ Current carrying capacity given is for the maximum conductor operating 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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