



**Siechem Automotive Engine Harness Wire ISO 6722 T4 Class D**

**Application**

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

**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 (4000 hrs @ 150°C)
- ✓ Designed for 150°C continuous use.
- ✓ Flame Retardant
- ✓ Mechanically Robust
- ✓ Abrasion resistant

**Product Construction**

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

Automotive Cables T4 Class D

Approvals	Accreditations	Certifications

**Technical Data**

- ✓ Temperature Range : - 40°C to +150°C (ISO 6722-1 T4 Class D)
- ✓ Voltage : 60 V
- ✓ Structure A : 0.35 Sq.mm to 2.5 Sq.mm
- ✓ Structure B : 4 Sq.mm to 35 Sq.mm
- ✓ Thermal Life, Heat Shock, Shrinkage, Ozone Resistance, Volume Resistivity etc as per ISO 6722-1.
- ✓ Hot oil (ASTM1) : No breakdown at 1kV
- ✓ Battery Acid Resistance : <1% swell
- ✓ Auto Transmission Fluid (Dexon III)
- ✓ Hydrolysis : Pass (35 days, 85°C, 48V)
- ✓ Salt spray test as per ASTM B 117-73
- ✓ Specifications : ISO 6722  
BMW GS.95  
VW 60306  
FORD, WSK - 1A348-A4  
FIAT 9 91107

Part Number	Conductor Construction				Insulation Wall Thickness Nom.	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.	Nom.	Max.					
A70005XX *	0.35	7	0.27	0.80	0.25	1.20	1.30	1.40	5	13	54.4	55.5	
CA70006XX	0.5	7	0.32	1.00	0.30	1.40	1.50	1.60	7	16	37.1	38.2	
A70006XX	0.5	19	0.19	1.00	0.30	1.40	1.50	1.60	7	16	37.1	38.2	
A70008XX	0.75	19	0.24	1.20	0.35	1.70	1.80	1.90	9	21	24.7	25.4	
A70010XX	1	19	0.27	1.35	0.35	1.90	2.00	2.10	11	25	18.5	19.1	
A70013XX	1.5	19	0.33	1.70	0.35	2.20	2.30	2.40	17	33	12.7	13.0	
A70016XX	2.5	19	0.41	2.15	0.35	2.70	2.90	3.00	27	46	7.60	7.82	
A70019XX	4	56	0.31	2.50	0.40	3.40	3.50	3.70	43	62	4.71	4.85	
A70023XX	6	84	0.31	2.95	0.40	4.00	4.20	4.30	62	81	3.14	3.23	
A70027XX	10	80	0.41	4.50	0.60	5.30	5.80	6.00	108	118	1.82	1.85	
A70028XX	16	126	0.41	6.30	0.65	6.40	6.80	7.20	177	160	1.16	1.18	
A70030XX	25	196	0.41	7.80	0.65	7.90	8.30	8.70	250	208	0.743	0.757	
A70032XX	35	276	0.41	9.00	0.80	9.40	9.90	10.40	345	257	0.527	0.538	

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		

\*\* We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.

- ✓ Current carrying capacity given is for the maximum conductor operating of 150° C and ambient air temperature of 40°C.
- ✓ \* Other length as per Customer order.

**Note :** Part Number Code shall be replaced by C299 for Tinned Copper Conductor  
All the conductors are Flexible



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