

Application

- ✓ Low-tension electric wire for Automobiles.
- ✓ Used in Motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.

Features

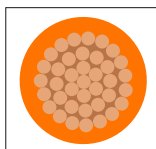
- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, Petrol and diesel.
- ✓ Extra flexibility.
- ✓ RoHS.

Product Construction

- ✓ Conductor : Bare copper conductor
CU ETP1 EN 13602,
(Symmetrical Structure A),
(Tinned on request).
- ✓ Insulation : PP.
- ✓ Covering : Reduced wall thickness.

**Automotive
Cables**
FHLR9Y

2D View



Technical Data

- ✓ Temperature Range :-40°C to 125°C / 3000h
- ✓ Voltage : 1000 V ac / 1500 V dc
(acc. to ISO 19642-5)
- ✓ Test Voltage : eff. 6.0 kV spark test (0.35mm²)
eff. 8.0 kV spark test (≥ 0.50mm²)
- ✓ Min. bending radius: 3xD (Static).
- ✓ FHL : Automotive cable (High Voltage).
- ✓ 9Y : Polypropylene.
- ✓ Standard: ISO 19642-5

ISO 9001	ISO 14001	IATF 16949	AS 9100	ISO 45001	IRIS TM Certification
IAS INTERNATIONAL ACCREDITATION SERVICE	LABCO	ARAI [®] Approved by Road	REACH COMPLIANT	RoHS COMPLIANT	CE

Part Number	Conductor Construction				Insulation Wall Thickness Min.	Cable			Max. Conductor Resistance at 20°C	Current Carrying Capacity at ambient temperature 40°C	Standard Length*
	Nominal Cross-Section	No. of Strands	Diameter of Single wire Max.	Conductor Diameter Max.		Core Diameter		Weight Approx.			
						Min.	Max.				
	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
D24206XX	0.50	19	0.19	1.0	0.48	2.0	2.3	8	37.1	15	500
D24208XX	0.75	19	0.23	1.2	0.48	2.2	2.5	11	24.7	19	500
D24210XX	1.00	19	0.26	1.35	0.48	2.4	2.7	14	18.5	24	500
D24213XX	1.50	19	0.32	1.7	0.48	2.7	3.0	18	12.7	30	500
D24216XX	2.50	50	0.26	2.2	0.56	3.3	3.6	29	7.60	42	500
D24219XX	4.00	56	0.31	2.75	0.64	4.0	4.4	44	4.71	58	500
D24223XX	6.00	84	0.31	3.3	0.64	4.6	5.0	63	3.14	75	500

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	


Siechem Wires & Cables Meet EU RoHS Directive
www.siechem.com