

Siechem

Wires & Cables

Tri-Rated Cable

E337153 XX AWG 600V  Awm 1015 105°C VW -1 SIECHEM AWM IA 105°C 600V XX AWG FT-1 BS 6231 600/1000V XX mm² Heat Resisting 90°C H05V2-K 

E337153 XX AWG 600V  Awm 1015 105°C VW -1 SIECHEM AWM IA 105°C 600V XX AWG FT-1 BS 6231 600/1000V XX mm² Heat Resisting 90°C H05V2-K 

E337153 XX AWG 600V  Awm 1015 105°C VW -1 SIECHEM AWM IA 105°C 600V XX AWG FT-1 BS 6231 600/1000V XX mm² Heat Resisting 90°C H05V2-K 

**UL
1015**

**CSA
22.2**

**BS
6231**

**Siechem Tri - Rated - H05V2-K / H07V2-K / BS 6231, UL 1015, CSA 22.2 Flexible PVC 105 deg.C Cable****Application**

- ✓ Used for internal wiring in many applications such as Control panels, Switch - gears, Motor starters etc.
- ✓ Tri - rated cables also referred to BS 6231 wires, H05V2-K / H07V2-K Cables or Panel wires

Features

- ✓ Flame retardant
- ✓ Heat resistant, 105 deg.C Continuously rated
- ✓ Tri-rated : UL 1015, CSA 22.2 and BS 6231 Specifications
- ✓ Flexible
- ✓ RoHS Compliant

Product Construction

- ✓ Conductor : Annealed Plain Flexible copper conductor Class 5 as per EN 60228
- ✓ Insulation : HR PVC
- ✓ Colour : As per customer requirement

Technical Data

- ✓ Specification : UL 1015
CSA 22.2
BS 6231
- ✓ Conductor resistance : EN 60228 / UL 1581
- ✓ Voltage Rating (U₀ / U) :
UL, CSA : 450/ 750V
BS 6231: 600/1000V
BS EN 50525 - 2- 31 : 300/500V,
450/750V
- ✓ Temperature Rating : UL, CSA : +105°C
BS 6231 : +90°C
Minimum : -15°C
- ✓ Minimum Bending Radius : 6 x Overall diameter

**ISO
9001****ISO
14001****IATF
16949****AS
9100****ISO
45001**

Part Number	Conductor		Strand diameter Max.	Thickness of insulation Nom.	Outer diameter Nom	Max. Conductor resistance at 20°C	Weight approx.
	Size	Approximate Size					
	mm ²	AWG	mm	mm	mm	Ω/km	Kg/Km
A00806XX	0.5	21	0.21	0.8	2.7	39.0	11
A00808XX	0.75	19	0.21	0.8	2.85	26.0	15
A00810XX	1	18	0.21	0.8	3	19.5	18
A00813XX	1.5	16	0.26	0.8	3.3	13.3	23
A00816XX	2.5	14	0.26	0.8	3.75	7.98	35
A00819XX	4	12	0.31	0.8	4.35	4.95	48
A00823XX	6	10	0.31	0.8	4.85	3.30	69
A00827XX	10	8	0.41	1.0	6.3	1.91	117
A00828XX	16	6	0.41	1.0	8.1	1.21	191
A00830XX	25	4	0.41	1.2	9.4	0.780	281
A00832XX	35	2	0.41	1.2	10.9	0.554	389
A00834XX	50	1	0.41	1.4	13.1	0.386	560
A00837XX	70	2/0	0.51	1.4	15.1	0.272	774
A00838XX	95	3/0	0.51	1.6	16.1	0.206	991
A00841XX	120	4/0	0.51	1.6	17.9	0.161	1231
A00842XX	150	250	0.51	1.8	20.2	0.129	1534
A00844XX	185	350	0.51	2.0	22.85	0.106	1878
A00846XX	240	450	0.51	2.2	24.4	0.0801	2381

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	Green yellow - 29

Note : 0.5 mm² to 1mm²-H05V2-K
1.5 mm² to 35mm²-H07V2-K**Siechem Wires & Cables Meet EU RoHS Directive**

Lead Free	Hg Free	Cd Free	Cr ⁶⁺ Free	PBB Free	PBDE Free
-----------	---------	---------	-----------------------	----------	-----------

www.siechem.com