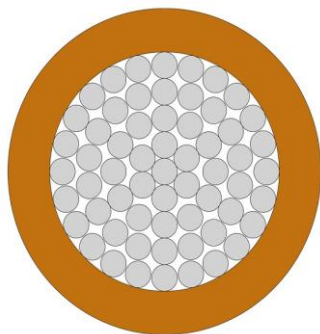


Multinorm, "Four-rated" wire, S07V2-K / H07V2-K / Style 1015 / TEW

Applications:

PVC insulated flexible wire for internal wiring
The wire has a smooth surface and is available in bright colours.
Delivery in boxed wire or on spools.

Properties:

Max wire temperature :	105°C
Voltage Rating acc to UL	600 V AC / 750 V DC
Voltage Rating Uo/U acc to HAR	450/750V
Temperature range flexible	-25 to +105 / 90 °C
Temperature range fixed	-40 to +105 / 90 °C
Minimum bending radius, fixed	OD x 4
Minimum bending radius, flexible	OD x 8

Standards:

Conductor	UL 1581 / IEC 60228,5
Construction	UL 1015 / EN 50525-2-31
Flame retardant	VW-1 / IEC 60332-1,2

Approval:

UL File E164256, AWM
UL for Canada cUL File E164256
UL for TEW acc CSA C22.2 NO 127-09
SEMKO: 1,5-35mm² as H07V2-K

Construction

Conductor	Tinned Class 5 flexible copper
Insulation	Insulation acc. to UL Style 1015 / EN 50363,3

Marking:

from 0,5-1,0mm²: E164256 AWM 1015 105C VW-1 - AWM IA 105C 600V FT1 - TEW 105C 600V FT1 AMO S07V2-K (S) CE AWG[size] / [size]mm²
from 1,5-35mm²: E164256 AWM 1015 105C VW-1 - AWM IA 105C 600V FT1 - TEW 105C 600V FT1 AMO H07V2-K (S) CE AWG[size] / [size]mm²
from 50-240mm²: E164256 AWM 1015 105C VW-1 - AWM IA 105C 600V FT1 - TEW 105C 600V FT1 AMO S07V2-K (S) CE AWG[size] / [size]mm²

Packing Drums, Boxed wire, Spools, Coils

Color Customer specified

Type code	Conductor Cross-section	Wire diameter	Number of wires	Insulation thickness	Nominal outer diameter	Max resistance of conductor at 20°C	Total weight
	[mm ²]	[mm]	[pcs]	[mm]	[mm]	[Ω/km]	[kg/km]
AWG 22 1015 / S07V2-K 0,5ft	0,5	0,20	15-16	0,8	2,5	40,10	7,4
AWG 20 1015 / S07V2-K 0,75ft	0,75	0,19	24	0,8	2,7	26,70	11,5
AWG 18 1015 / S07V2-K 1,0ft	1,0	0,19-0,20	29-32	0,8	2,9	20,00	15,7
AWG 16 1015 / H07V2-K 1,5ft	1,5	0,23-0,25	27-32	0,8	3,2	13,70	21,1
AWG 14 1015 / H07V2-K 2,5ft	2,5	0,23-0,25	43-54	0,8	3,6	8,21	30,3
AWG 12 1015 / H07V2-K 4ft	4	0,30	50	0,8	4,2	5,09	45,6
AWG 10 1015 / H07V2-K 6ft	6	0,30	74-75	0,8	4,8	3,39	64,3
AWG 8 1015 / H07V2-K 10ft	10	0,40	72-75	1,2	6,3	1,95	117,0
AWG 6 1015 / H07V2-K 16ft	16	0,40	115-126	1,55	8,2	1,24	181,0
AWG 4 1015 / H07V2-K 25ft	25	0,40	182-189	1,55	9,6	0,795	274,2
AWG 2 1015 / H07V2-K 35ft	35	0,40	259-266	2,10	11,1	0,565	366,6
AWG 1 1015 / S07V2-K 50ft	50	0,40	364-378	2,10	13,6	0,393	526,9
AWG 2/0 1015 / S07V2-K 70ft	70	0,40	525-539	2,10	15,6	0,277	714,6
AWG 3/0 1015 / S07V2-K 95ft	95	0,40	672-684	2,20	17,1	0,210	935,1
AWG 4/0 1015 / S07V2-K 120ft	120	0,50	570	2,50	19,4	0,164	1183,1
MCM 250 1015 / S07V2-K 150ft	150	0,50	703	2,50	22,0	0,132	1464,0
MCM 300 1015 / S07V2-K 185ft	185	0,50	825	2,50	23,1	0,108	1863,0
MCM 450 1015 / S07V2-K 240ft	240	0,4-0,5	1070-1862	2,50	26,4	0,0817	2376,0