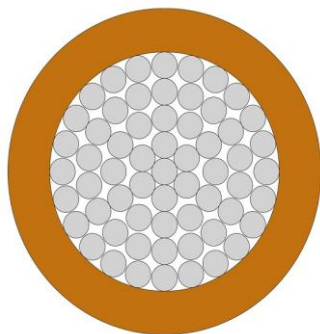


## Multinorm, "Three-rated" wire, S07Z-K / H07Z-K / Style 3607



### Applications:

Halogen free, cross-linked 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 3607 / EN 50525-3-41
Halogen content	IEC 60754-1, -2
Smoke density	IEC 61034-1, -2
Flame retardant	IEC 60332-1,2

### Approval:

UL File E164256, AWM  
UL for Canada cUL File E164256

### Construction

Conductor	Tinned Class 5 flexible copper
Insulation	Insulation acc. to UL Style 3607 / EN 50363,5

### Marking:

from 0,5-1,0mm<sup>2</sup>: E164256 "UR logo" AWM 3607 600V 105C "cUR logo" - AWM I A 105C 600V FT2 S07Z-K [size]mm<sup>2</sup> AMO CE  
from 1,5-120mm<sup>2</sup>: E164256 "UR logo" AWM 3607 600V 105C "cUR logo" - AWM I A 105C 600V FT2 H07Z-K [size]mm<sup>2</sup> AMO CE

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 <sup>2</sup> ]	[mm]	[pcs]	[mm]	[mm]	[Ω/km]	[kg/km]
AWG 22 3607 / S07Z-K 0,5 ft	0,5	0,20	15-16	0,8	2,5	40,10	10,0
AWG 20 3607 / S07Z-K 0,75 ft	0,75	0,19	24	0,8	2,7	26,70	13,0
AWG 18 3607 / S07Z-K 1,0 ft	1,0	0,19-0,20	29-32	0,8	2,85	20,00	16,0
AWG 16 3607 / H07Z-K 1,5 ft	1,5	0,23-0,25	27-32	0,8	3,1	13,70	21,4
AWG 14 3607 / H07Z-K 2,5 ft	2,5	0,23-0,25	45-54	0,8	3,6	8,21	29,7
AWG 12 3607 / H07Z-K 4 ft	4	0,30	50	0,8	4,1	5,09	43,7
AWG 10 3607 / H07Z-K 6 ft	6	0,30	74-75	0,8	4,7	3,39	62,8
AWG 8 3607 / H07Z-K 10 ft	10	0,40	72-75	1,2	6,4	1,95	114,5
AWG 6 3607 / H07Z-K 16 ft	16	0,40	115-118	1,55	8,1	1,24	177,0
AWG 4 3607 / H07Z-K 25 ft	25	0,40	182-189	1,55	9,4	0,795	275,4
AWG 2 3607 / H07Z-K 35 ft	35	0,40	259-266	1,55	10,9	0,565	370,5
AWG 1 3607 / H07Z-K 50 ft	50	0,40	364-378	2,10	13,1	0,393	533,3
AWG 2/0 3607 / H07Z-K 70 ft	70	0,40	525-539	2,10	15,4	0,277	743,4
AWG 3/0 3607 / H07Z-K 95 ft	95	0,40	672-684	2,10	17,0	0,210	943,4
AWG 4/0 3607 / H07Z-K 120 ft	120	0,50	570	2,20	19,2	0,164	1158,2