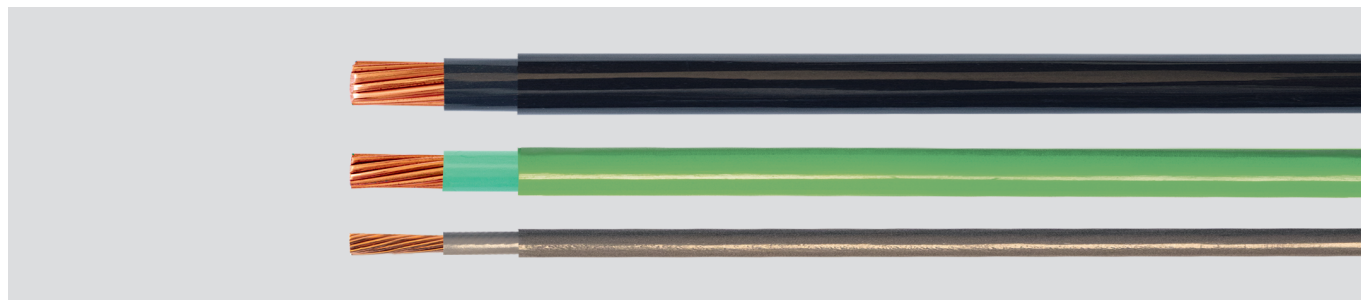


THHN / THWN

90°C, 600 V, UL listed, PVC + nylon single core



Technical data

- PVC + Nylon insulated single cores to UL Std.83 and UL Std.1063 (MTW)
- **Temperature range**
THHN dry environments: 90°C
THWN wet environments: 75°C
- **Nominal voltage**
600 V
- **Minimum bending radius**
8x core Ø

Cable structure

- Bare copper conductor, with AWG dimensions
- Core insulation of PVC and Nylon-sheath
- Core identification coloured

Properties

Resistant against

- Oils
- Gasoline
- Water
- Acids
- Ozone
- Lyes
- Sunlight
- Abrasion

Note

- 1 kcmil = 1000 circ mils = 0,5067 mm².
- Please add the appropriate item number when ordering using the following indicator:
0 = green
1 = black
2 = blue
3 = brown
4 = red
5 = white
6 = grey
7 = yellow
8 = orange
9 = pink

Application

For the installation of machine tools and the relative control.

THWN = Thermoplastic PVC-insulated building wire, Heat resistant 75°C, for Wet and dry locations, flame retardant.

THHN = Thermoplastic PVC-insulated building wire, Nylon sheath, 90°C, 600 V, for dry and damp locations.

Part no.	Cross-section mm ²	AWG-No.	Cond. make-up n x wire Ø	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km
6320x	2,08	14	19 x 0,38	3,0	20,7	25,0
6321x	3,32	12	19 x 0,48	3,4	33,0	37,0
6322x	5,26	10	19 x 0,6	4,3	51,6	60,0
6323x	8,35	8	19 x 0,75	5,5	80,6	95,0
6324x	13,39	6	19 x 0,96	6,6	125,0	143,0
6325x	21,14	4	19 x 1,19	8,4	201,0	229,0
6326x	26,65	3	19 x 1,336	9,1	253,0	282,0
6327x	33,61	2	19 x 1,5	10,0	317,0	349,0
6328x	42,38	1	19 x 1,686	11,4	399,0	449,0
6329x	53,47	1/0	19 x 1,89	12,4	500,0	557,0
6330x	67,4	2/0	19 x 2,126	13,7	631,0	691,0
6331x	84,97	3/0	19 x 2,387	15,0	792,0	861,0
6332x	107,17	4/0	19 x 2,68	16,5	996,0	1069,0
63331	127	250 kcmil	37 x 2,088	17,6	1178,0	1277,0
63341	152	300 kcmil	37 x 2,286	19,0	1410,0	1515,0
63351	178	350 kcmil	37 x 2,47	20,2	1645,0	1753,0
63361	203	400 kcmil	37 x 2,7	21,4	1902,0	1998,0
63371	254	500 kcmil	37 x 2,95	23,5	2345,0	2466,0
63381	304	600 kcmil	61 x 2,52	26,0	2920,0	3000,0
63391	380	750 kcmil	61 x 2,82	28,6	3658,0	3713,0
63401	507	1000 kcmil	61 x 3,25	32,4	4858,0	4870,0

Dimensions and specifications may be changed without prior notice. (RN06)