Building Wire-600 Volt

THHN-THWN-2, 90°C-600 Volt

Product Construction

Conductor:
- Solid or stranded annealed copper

Insulation:
- Extruded layer of heat, Moisture, and flame resistant PVC with an extrusion of high heat and light stabilized Nylon

Applications
- May be installed in conduit, duct, or other recognized raceways in wet or dry locations
- Small diameter of the wire permits additional circuits or larger conductors without exceeding maximum fill limitations

Features
- Smooth outer jacket for easy pulling
- May be used as:
- Building Wire 90°C
- Appliance Wire 105°C
- Flourescent Ballast
- Hook-up 90°C

Standards
- UL 66-TFFN/TFN
- UL 1063-Machine Tool Wire
- UL 758- AWM Style 1316

Additonal Information
- All colors can be striped
- Can be provided in twisted configurations

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Part #	AWG	Stranding	Insulation Thickness	Jacket Thickness	Nom. O.D.	Lbs./M'
M514SO-XX	14	Solid	.015"	.004"	.102"	16
M514ST-XX	14	19	.015"	.004"	.112"	16
M512SO-XX	12	Solid	.015"	.004"	.119"	24
M512ST-XX	12	19	.015"	.004"	.131"	24
M510SO-XX	10	Solid	.020"	.004"	.150"	37
M510ST-XX	10	19	.020"	.004"	.160"	37
M508ST-XX	8	19	.030"	.005"	.220"	64
M506ST-XX	6	19	.030"	.005"	.260"	96
M504ST-XX	4	19	.040"	.006"	.330"	155
M503ST-XX	3	19	.040"	.006"	.345"	190
M502ST-XX	2	19	.040"	.006"	.388"	235
M501ST-XX	1	19	.050"	.007"	.440"	300
M51/0ST-XX	1/0	19	.050"	.007"	.477"	370
M52/0ST-XX	2/0	19	.050"	.007"	.520"	465
M53/0ST-XX	3/0	19	.050"	.007"	.571"	570
M54/0ST-XX	4/0	19	.050"	.007"	.640"	720
M5250ST-XX	250	37	.060"	.008"	.711"	850
M5300ST-XX	300	37	.060"	.008"	.766"	1101
M5350ST-XX	350	37	.060"	.008"	.817"	1172
M5400ST-XX	400	37	.060"	.008"	.864"	1333
M5500ST-XX	500	37	.060"	.008"	.949"	1653
M5600ST-XX	600	61	.070"	.009"	1.051"	1985
M5750ST-XX	750	61	.070"	.009"	1.126"	2462

Note: The data shown is approximate and subject to standard industry and manufacturer tolerances.

Inster the color number in the -XX location:

-01 = Black

-02 = White

-03 = Red

-04 = Green

-05 = Blue

-06 = Gray

-07 = Orange

-08 = Yellow

-09 = Purple

-10 = Brown

-11 = Pink

-12 = Tan

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