

PVC Jacket, PVC/Nylon Insulation, 90°C - 600 Volt - UL Type TC-ER*, 3-Conductor with Ground, Method 4 Color code



Product Construction

Conductor:

- Fully annealed stranded bare copper per ASTM B3
- Class B stranding per ASTM B8

Insulation:

- Flame-retardant Polyvinyl Chloride (PVC) with Nylon

Ground Conductor:

- Uninsulated bare annealed copper per ASTM B3
- Class B stranding per ASTM B8

Jacket:

- Lead-free, flame-retardant, sunlight-resistant Polyvinyl Chloride (PVC)

Applications

- In free air, raceways and direct burial
- In wet and dry locations
- Approved for direct burial
- Class 1, Division 2 industrial hazardous locations per NEC
- Permitted for Exposed Run (ER) use in accordance with NEC

Standards

- RoHS compliant
- IEEE 1202
- UL 83 NEC Type THHN/THWN conductors
- UL 1581
- UL 1277 Type TC-ER

COLOR CODE CHART

Cond. #	Color
1	Black, printed number
2	Black, printed number
3	Black, printed number

Tray Cable



Part #	AWG	Ground AWG	Insulation Thickness	Jacket Thickness	Nom. O.D.	Lbs./M'
A31403	14	14	.020"	.045"	.345"	93
A31203	12	12	.020"	.045"	.385"	132
A31003	10	10	.026"	.060"	.450"	197
A30803	8	10	.036"	.060"	.600"	313
A30603	6	8	.036"	.060"	.690"	422
A30403	4	8	.048"	.080"	.875"	653
A30203	2	6	.048"	.080"	1.00"	968
A30103	1	6	.059"	.080"	1.114"	1221
A31/003	1/0	6	.059"	.080"	1.225"	1438
A32/003	2/0	6	.059"	.080"	1.32"	1747
A33/003	3/0	4	.059"	.080"	1.41"	2159
A34/003	4/0	4	.059"	.080"	1.545"	2568
A325003	250	4	.070"	.110"	1.79"	3094
A335003	350	3	.070"	.110"	1.99"	4215
A350003	500	2	.070"	.110"	2.27"	5850
A360003	600	2	.080"	.110"	2.44"	7156
A375003	750	1	.080"	.110"	2.652"	8609

*Fittings are available for these products.

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