

600V - AIA - Individual and Overall Shield

Aluminum Interlocked Armor
Individual and Overall Shield
90°C - 600 Volt



*Product images are for illustrative purposes only and may differ from the actual product.

Category Conductor Description:

- Bare copper, per ASTM Class B

Category Assembly Description:

- Pair or triad twisted with a drain wire and Aluminum/Mylar shield overall - Pairs are cabled together with a drain wire and Aluminum/Mylar shield overall

Armor:

- Interlocked aluminum armor

Applications:

- UL approved for direct burial
- Sunlight and oil Resistant
- Rated for CT use
- Suitable for use in Class I Division II hazardous locations

Category Insulation Description:

- Cross-linked Polyethylene (XLPE) Color Code: M1, E1

Inner Jacket:

- Black Polyvinylchloride (PVC)

Outer Jacket:

- Black Polyvinylchloride (PVC)

Standards:

- UL listed as Type MC, per UL Standard 1569 for metal clad cables
- Meets UL 1581, 1202, & ICEA T-29-520
- RoHS Compliant

Color Code Chart	
# of Pairs	Color
1	Black, White & Numbered
2	Black, White & Numbered
3	Black, White & Numbered
4	Black, White & Numbered
5	Black, White & Numbered
6	Black, White & Numbered

7	Black, White & Numbered
8	Black, White & Numbered
9	Black, White & Numbered
10	Black, White & Numbered
11	Black, White & Numbered
12	Black, White & Numbered
13	Black, White & Numbered
14	Black, White & Numbered
15	Black, White & Numbered
16	Black, White & Numbered
17	Black, White & Numbered
18	Black, White & Numbered
19	Black, White & Numbered
20	Black, White & Numbered
21	Black, White & Numbered
22	Black, White & Numbered
23	Black, White & Numbered
24	Black, White & Numbered
25	Black, White & Numbered

Part Number Table

Part#	Houston Wire & Cable	Gauge	Pairs	Outer Jacket Thickness	Nominal OD over Armor	Outside Diameter Inches	Material Weight (Lbs./M')
T61802P		18	2	.060	.663"	0.763	267
T61804P		18	4	.060	.803"	0.903	405
T61602P	1323-1602AIAP	16	2	.045	.693	0.834	295
T61604P	1323-1604AIAP	16	4	.060	.866	0.966	498
T61606P		16	6	.060	1.011	1.111	678
T61608P	1323-1608AIAP	16	8	.060	1.028	1.128	758
T61612P	1323-1612AIAP	16	12	.080	1.241"	1.341	1024
T61624P		16	24	.080	1.577"	1.697	1771

Note: The information in this specification sheet is approximate and subject to standard industry and manufacturer tolerances. Please verify specific requirements with your Omni Cable account manager.

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