DIRECT BURIAL & WATER-RESISTANT CABLES

PRODUCT DESCRIPTION

PVC/Nylon insulated stranded bare copper conductors, water block tape, twisted with an overall black PVC jacket. Shielded version has an aluminum tape and drain wire.

APPLICATIONS

- Low Voltage Process Control Circuits
- Power-Limited Circuits
- Power-Limited Fire Protective

SPECIFICATIONS

Conductor Stranded Bare Copper
Insulation
  • 15 mils PVC .05" NYLON
Jacket PVC
NEC Articles
  • 336 - TC, 725 - PLTC
  • 760 - FPL/NPLF
Voltage Rating 600 V
Temp. Rating
  • -39°C to 90°C Wet/Dry
Temp. Rating
  • 18-16 AWG: 20 AWG
  • 14 AWG: 16 AWG
  • 12 AWG: 14 AWG

COLOR CODE CHART

Cond	Color
1	Black
2	Red

AVAILABLE PUT-UPS

1,000' Reels and Boxes
500' Reels and Boxes
Other lengths available. Please consult your factory representative for availability.

CABLE IDENTIFICATION

XX AWG X TYPE THHN CNDR (UL) TYPE TC 90C SUN RES DIR BUR 600V PLTC FPL OR NPLF FT4/IEE1202 E195597 MADE IN USA

UNSHIELDED

AWG	COND	STRAND	PART NO.	OUTER JKT THICKNESS		NOMINAL OD		SHIP WT / 1M'
				INCH	mm	INCH	mm	
18	2	7	6802WB	.045	1.02	.290	7.37	40
16	2	7	6602WB	.045	1.02	.314	7.98	50
14	2	7	6402WB	.045	1.02	.344	8.74	62
12	2	7	6202WB	.045	1.02	.388	8.64	89

SHIELDED

AWG	COND	STRAND	PART NO.	OUTER JKT THICKNESS		NOMINAL OD		SHIP WT / 1M'
				INCH	mm	INCH	mm	
18	2	7	6802SDWB	.045	1.02	.270	6.86	41
16	2	7	6602SDWB	.045	1.02	.283	7.19	47
14	2	7	6402SDWB	.045	1.02	.322	8.18	64
12	2	7	6202SDWB	.045	1.02	.363	9.22	86

The information contained on this specification is intended to be used as a guide and every effort has been made to ensure its accuracy at time of publication. This specification is subject to change anytime without notice. Please refer to www.adcable.com for the most up to date information. Rev 0419

The **REPEL™** brand is Advanced Digital Cable's proven solution for your water blocking needs. **REPEL™** cables are first constructed using a premium grade jacket compound which is flame retardant, sunlight resistant and water resistant and has been developed to be durable in outdoor and direct burial applications. In addition to the jacket, **REPEL™** cables utilize a superior water-blocking tape, rather than the messy gel, which swells to absorb any moisture that is present. The special formulated tape stops water in its tracks by blocking migration of moisture throughout the cable.

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