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Wiring The World

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PRODUCT DATA SHEET**PART NUMBER:** 777524-xx-08**DESCRIPTION:** COMBO 18 AWG/24 INDIVIDUALLY SHIELDED PAIRS PLUS ONE 22 AWG COMMUNICATION WIRE WITH AN OVERALL SHIELD**RATING:** UL DUAL LISTED AS PLTC AND ITC
ALSO UL SUNLIGHT RESISTANT**Construction Parameters:**

		OD (in)*
<u>Part 1:</u>	Conductor: 18 AWG (7/.0152) Stranded Bare Copper	0.046
	Dielectric: PVC	0.078
	Assembly & Shielding: Two single insulated wires are twisted into a pair, a 20 AWG (7/28) tinned copper wire is added and the 3 wires are overall wrapped in an aluminum/polyester tape with aluminum side in.	0.161
<u>Part 2:</u>	Conductor: 22 AWG (7/.010) Stranded Bare Copper	0.030
	Dielectric: PVC	0.056
<u>Assembly:</u>	Shielding: 24 of Part 1 are stranded around 1 Part 2 and all are wrapped overall using an Aluminum/Polyester tape with Aluminum side out. A 20 AWG (7/28) tinned copper drain wire is added to outside of tape. Ripcord is added to outside of core.	0.845
	Jacket: PVC	0.995

Miscellaneous Information:

Pair Colors (18 AWG): Black with White
 Pair Print (18 AWG): Each white wire is printed in black with the pair number.
 Wire Color (22 AWG): Orange
 Jacket Color: Black
 Jacket Print (White): COLEMAN CABLE E176494-I 18 AWG/24 PR 22 AWG/1C
 SPOS TYPE PLTC/ITC (UL) 105 C 300V SUNLIGHT
 RESISTANT xxxx YYYY
 xxxx = manufactured year YYYY = Sequential footage

Applicable NEC Article: 725
 Flame rating: UL-1581 Vertical Tray Flame Test
 Sunlight Resistance: UL-13 Sunlight Resistant Test
 Max. Voltage Rating: 300
 Max. Temperature Rating: 105° C
 Approximate Weight (lb/1000 ft): 606

On special orders the customer will accept all factory lengths and $\pm 10\%$ of total order requested.

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Company Name: _____

Customer Approval: _____

Date: _____

Issued: 01/06/00

* = Nominal value
By: PEP