



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

1530 Shields Drive
Waukegan, IL 60085
Toll-Free (800) 323-9355
Fax: (847) 689-1192

PART NUMBER: 54552
DESCRIPTION: 18/2PR SHIELDED DIRECT BURIAL CABLE
CONSTRUCTION: This cable consists of two pairs of tinned copper, insulated conductors, cabled with a drain wire and overall shield, under an overall Jacket.

Construction Parameters:

Conductor	18 AWG Tinned Copper
Stranding	16/30
Insulation Material	High Density Polyethylene
Insulation Thickness	0.016" Nom.
Insulated Conductor Diameter	0.078" Nom.
Number of Conductors	4
Number of pairs	2
Pair Lay Length	1.5" Nom.
Cable Lay Length	3.00" Nom.
Shield	.00235" Alum/Mylar (Al. side out)
Drain	20 AWG Stranded Tinned Copper
Jacket Material	Polyethylene
Jacket Thickness	0.047" Nom.
Overall Cable Diameter	0.375" Nom.
Approximate Cable Weight	55.0 Lbs/1M' Nom.

Electrical & Enviromental Properties:

Temperature Rating	60C
Voltage Rating	300V
Capacitance Between Conductors @ 1 KHz	27 pF/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	50 pF/ft Nom.
DC Resistance per Conductor @ 20°C	6.65 Ohms/1M' Nom.

Pair color code	1. Red/Black 2. Blue/Orange
Jacket Color	Black

Legend (White Surface Ink Print)	CCI 18 AWG 2 PAIR SHIELDED CONTROL CABLE SUITABLE FOR DIRECT BURIAL
----------------------------------	---

This product complies with European Directive 2011/65/EU (RoHS-2)

On special orders, the customer will accept all factory lengths and +/- 10 percent of total order requested.

Material is not returnable and purchase order is non-cancelable after production has been started or special materials have been ordered.

The information presented here is, to the best of our knowledge, true and accurate. Since conditions of use are beyond Coleman Cable's control all product data presented is for informational purposes only and does not create a binding obligation or liability on Coleman Cable or confer any rights on any customer. The sale of products(s) is conditioned upon acceptance of a purchase order subject to Coleman Cable's standard terms and conditions contained therein, including without limitation Coleman Cable's standard warranty. Coleman Cable disclaims all liability in connection with the use of information contained herein or otherwise.

This specification is proprietary intellectual property of Coleman Cable. Any information contained herein shall not be disclosed to any party without written consent of Coleman Cable.

Customer Name _____

Customer Approval _____

Specification Issue Date: May 29, 2013