



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

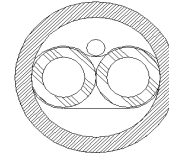
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**PART NUMBER:** 720015  
**DESCRIPTION:** 20/2 SHIELDED LOW CAP CABLE  
**CONSTRUCTION:** This cable consists of two bare copper insulated conductors with an overall shield+drain and a Jacket  
**APPROVALS:** None

## Construction Parameters:

## Cable Cross-Section

Conductor	20 AWG Bare Copper
Stranding	7/28
Insulation Material	Foamed Polyethylene
Insulation Thickness	0.032" Nom.
Insulated Conductor Diameter	0.100" Nom.
Number of Conductors	2
Lay Length	3.00" Nom.
Shield	Alum/Mylar (Al. side out)
Drain	20 AWG (7/28) Stranded Tinned Copper
Jacket Material	PVC
Jacket Thickness	0.022" Nom.
Overall Cable Diameter	0.248" Nom.
Approximate Cable Weight	28.0 Lbs/1M' Nom.



## Electrical Properties:

Temperature Rating	90C Insulation, 105C Jacket		
Operating Voltage	300 V RMS Max.		
	<u>Minimum</u>	<u>Nominal</u>	<u>Maximum</u>
Capacitance Between Conductors @ 1 KHz	10.9 pF/ft Nom.	11.0 pF/ft Nom.	12.1 pF/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	21.1 pF/ft Nom.	23.5 pF/ft Nom.	25.8 pF/ft Nom.
DC Resistance per Conductor @ 20°C	9.27 Ohms/1M' Nom.		
Characteristic Impedance	110 Ohms Nom.		

Insulation Colors	Yellow Green
Jacket Color	Gray
Legend (Black Surface Ink Print)	J-1939 TYPE-MULTIPLEX

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.

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Customer Name \_\_\_\_\_

Customer Approval \_\_\_\_\_

Specification Issue Date: March 6, 2013