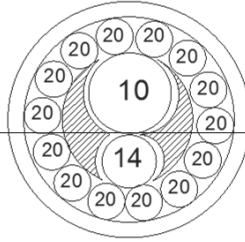




Item Description: 10/1 & 14/1 & 20/14 Composite Black Jacket

Construction Parameters:		Diameter
Component 1:		0.157
Conductor:	10 AWG 105/30 Bare Copper	
Insulation:	XLPE-Halogen Free Nom Wall: 0.022	
Color Code:	Black	
Component 2:		0.103
Conductor:	14 AWG 41/.0099 Bare Copper	
Insulation:	XLPE-Halogen Free Nom Wall: 0.017	
Color Code:	Red/White	
Component 3:		0.070
Conductor:	20 AWG 7/28 Bare Copper	
Insulation:	XLPE-Halogen Free Nom Wall: 0.017	
Color Code:	Green, Green/Black, Brown, Brown/Black, Orange, Orange/Black, White, White/Black, Red, Red/Black, Yellow, Yellow/Black, Blue, Blue/Black	
Cabling:		
Lay Length:	5.00	
Core Filler:	Poly Fillers	



Jacketing:		
Outer Jacket:	PVC Nom Wall: 0.030	0.459
Jacket Color:	BLACK	
Legend Type:	InkJet	
Legend:	20AWG 14C & 14AWG 1C & 10AWG 1C INNER CONDUCTORS ARE 125C XLPE PER SAE J1128 AND OUTER JACKET IS 105C PVC – MEETS THE REQUIREMENTS OF THE UL1581 UV SUNLIGHT RESISTANCE TEST - MADE IN THE USA - ROHS-2 EA#16C125DEG (MONTH/YEAR)	
Sequential Marking:	Continuous	

Physical Properties:	
Temperature Range:	125°C Conductors/105°C Jacket

Electrical Properties:	
Voltage Rating:	60V DC

Industry Approvals:	Features:	Compliance:
None	Sunlight Resistant: UV Sun Res	RoHS: Complies with EU Dir. 2011/65/EU (RoHS-2)

Component Number	No. Cond.	Gauge AWG/MCM	No. Strands	Nom. Cond.			Insulation Wall, Nom.		Jacket Wall, Nom.		O.D., Nom.		Net Weight	
				DCR Ω/M'	Inches	mm	Inches	mm	Inches	mm	Lb./kft.	kg/km		
Component 1	1	10	105/30	1.04	0.022	0.55	0.030	0.76	0.459	11.66	150	224		
Component 2	1	14	41/.0099	2.64	0.017	0.43								
Component 3	14	20	7/28	9.69	0.017	0.42								

Note: All dimensions & weights are nominal subject to industry standards and tolerances unless otherwise noted.

Complies with EU Dir. 2011/65/EU (RoHS-2)
The customer will accept all factory lengths and +/- 10 percent of total order requested.

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

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

Customer Company Name: _____ Date: _____

Customer Approval: _____ Customer Title: _____

Specification Issue Date: 8/31/2016 Rev Level: 2 ERF #: 33358 Designed By: SL