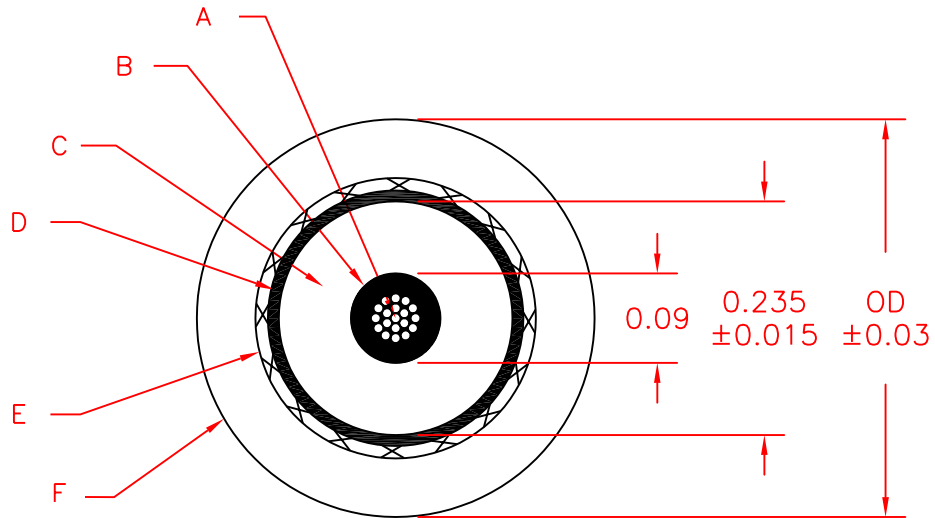




LEGEND

- A. #18 AWG (19 x #30) SILVER PLATED COPPER.
- B. SEMICONDUCTIVE SILICONE RUBBER, BLACK.
- C. SILICONE RUBBER TO $\phi 0.235 \pm 0.015$
- D. SEMICONDUCTIVE INK & TAPE (0.0055 THK, 1/2 LAPPED).
- E. SHIELD, #34 AWG T.C. 6/16, 80% COVERAGE.
- F. JACKET

RATING: 15KVAC, 40KVDC

JACKET TYPE	DEFINTION	COLOR	WALL	OD
N	NEOPRENE RUBBER	BLACK	0.06	0.40
S	SILICONE RUBBER	RED	0.06	0.40
T	THERMOPLASTIC RUBBER	BLACK	0.06	0.40
V	VINYL	RED	0.05	0.38

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REV	ECO NUMBER	APPD	DATE	UNLESS OTHERWISE SPECIFIED		DRAWN O. ABDULKY		DATE 30OCT07		DIELECTRIC SCIENCES,INC CHELMSFORD, MASSACHUSETTS 01824				
-	RELEASE DRAWING			DIMENSIONS ARE IN INCHES TOLERANCE ON DECIMALS ANGLES .XX ±.01 ± .XXX ±.005		CHECKED		DATE						
						APPROVED		DATE						
				CONCENTRICITY .005 TIR REMOVE BURRS & SHARP EDGES ALL MACHINE SURFACES 125✓		MATERIAL				HV COAXIAL CABLE, 18 AWG				
				 		FINISH		SIZE A		FSCM NO. 50509		DWG NO. 2012SJ		REV
								SCALE				SHEET 1 OF 1		

DIELECTRIC SCIENCES INC.

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TELEPHONE (978) 250-1507
FAX No. (978) 250-1699

CABLE, H.V. SHIELDED

P/N: 2012STJ

Working Voltage:	40	kVDC
	15	kVAC
Test Voltage:		kVDC
		kVAC

Dielectric: Silicone rubber

Jacket Material: Black thermoplastic rubber

Characteristic Impedance:	41	ohm
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Capacitance:	56	pF/Ft.
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Minimum Bend Radius:	0.75	inches
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Minimum Ambient Temp:	-85	°F	-65	°C
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Maximum Conductor Temp:	392	°F	200	°C
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Maximum Relative Humidity:		%
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Weight:	0.083	lb/ft.
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Conductors

Main H.V.	#18 AWG (19x)	(mm ²)
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Shield #18 AWG equivalence, #34 AWG tinned copper braid



A HIGH VOLTAGE TECHNOLOGY GROUP COMPANY

