

8 7 6 5 4 3 2 1

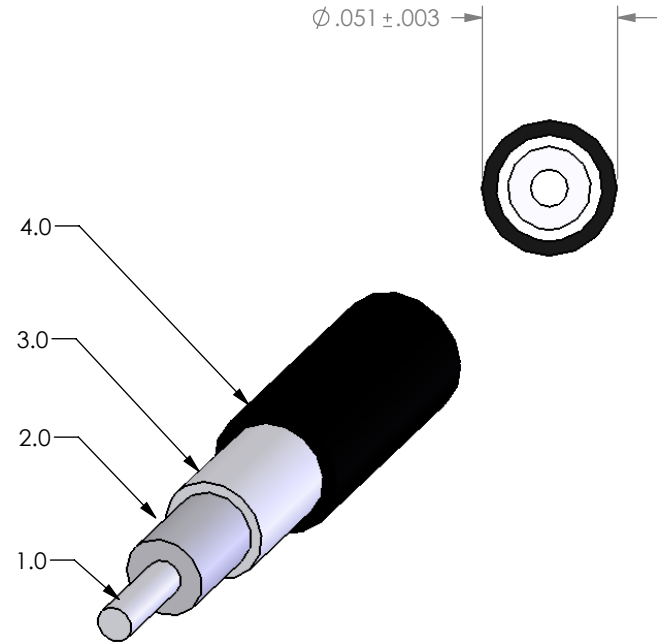
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REV	DESCRIPTION	DATE	INITIAL
02	CORRECTED COLOR AND O.D.	5/6/8	ST


SPECIFICATIONS

- 1.0 SIGNAL CONDUCTOR:
 SIZE: 30 AWG
 MATERIAL: SILVER PLATED COPPER
 CONSTRUCTION: 19 X 42
 OD (NOM.): .012"
- 2.0 INSULATION:
 MATERIAL: CELLULAR FEP OR EQUIVALENT
 WALL THICKNESS: .011" (NOM)
 OD(NOM): .034"
- 3.0 SHIELD:
 SIZE: 44 AWG
 MATERIAL: SILVER PLATED COPPER
 COVERAGE (MIN.): 96%
 OD (NOM.): .039"
- 4.0 JACKET:
 MATERIAL: POLYURETHANE
 WALL THICKNESS (NOM): .006"
 OD: .051" ±.003
 COLOR: BLACK
- 5.0 ELECTRICAL CHARACTERISTICS:
 IMPEDANCE: 50 ohms ± 2 ohms
 CAPACITANCE: 22.9-25.4 pF/ft
 PROPAGATION DELAY: 1.19-1.23 ns/ft
- 6.0 TEMPERATURE OPERATING RANGE: -40°C TO +105°C

SPECIAL NOTES: SPOOL OD: 12" MAX
 SPOOL WIDTH: 9" MAX
 SPINDLE DIA: 1-1/2" ±.25"



JOY SIGNAL CATALOG CODE: 14

ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	QTY REQD
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		 COAX, 50 OHM, 30AWG, POLYURETHANE JACKET, PTFE INSULATION
FRACTIONS DECIMALS ANGLES		APPROVALS DATE		
.XX : ±.01		DRAWN VW 01/03/6		
.XXX : ±.005		CHECKED LM 01/03/6		
MATERIAL SEE NOTES		RESP ENG		
FINISH --		MFG ENG		
NEXT ASSY	USED ON	QUAL ENG LM 01/03/6		
APPLICATION		DO NOT SCALE DRAWING		
		SIZE A	DWG. NO. 790038	REV. 02
		SCALE	CAD FILE: 790038	SHEET 1 OF 1