

8 7 6 5 4 3 2 1

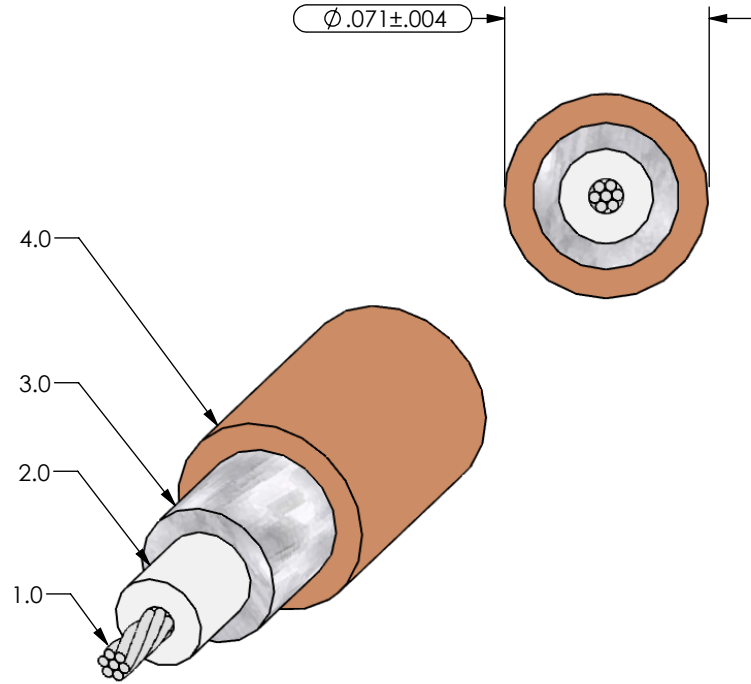
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF JOY SIGNAL TECHNOLOGY ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF JOY SIGNAL TECHNOLOGY IS PROHIBITED.

REV	DESCRIPTION	DATE	INITIAL
A	ECO # 110065	8/3/11	JKS


SPECIFICATIONS

- 1.0 SIGNAL CONDUCTOR:
 SIZE: 30 AWG
 MATERIAL: SPC
 CONSTRUCTION: 7 X 38
 OD (NOM.): .012"
- 2.0 INSULATION:
 MATERIAL: FEP TEFLON
 WALL THICKNESS: .0105"
 OD(NOM): .033"
- 3.0 SHIELD:
 SIZE: 38 AWG
 MATERIAL: SILVER PLATED COPPER
 COVERAGE (MIN.): 96%
 OD (NOM): .051"
- 4.0 JACKET:
 MATERIAL: FEP
 WALL THICKNESS (NOM.): .010
 OD: .071" ± .004
 COLOR: LIGHT BROWN, TRANSPARENT TO VERY TRANSLUCENT
- 5.0 ELECTRICAL CHARACTERISTICS:
 IMPEDANCE: (50 ohms ± 3 ohms)
 CAPACITANCE(NOM): 32 pF/ft
 PROPAGATION DELAY(NOM): 1.46 ns/ft
 DIELECTRIC WITHSTANDING VOLTAGE: 2000V RMS
- 6.0 TEMPERATURE OPERATING RANGE: -55°C TO +200°C

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



JOY SIGNAL CATALOG CODE: 09

ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	QTY REQD		
PARTS LIST						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES .XX : ±.01 .XXX : ±.005		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		 COAX,50 OHM,30AWG, FEP JACKET, TFE TEFLON INSULATION		
MATERIAL SEE NOTES		APPROVALS	DATE			
FINISH --		DRAWN JKS	8/3/11			
NEXT ASSY USED ON		CHECKED				
APPLICATION		RESP ENG				
DO NOT SCALE DRAWING		MFG ENG		SIZE A	DWG. NO. 790001	REV. A
		QUAL ENG		SCALE	CAD FILE: 790001	SHEET 1 OF 1