

8 7 6 5 4 3 2 1

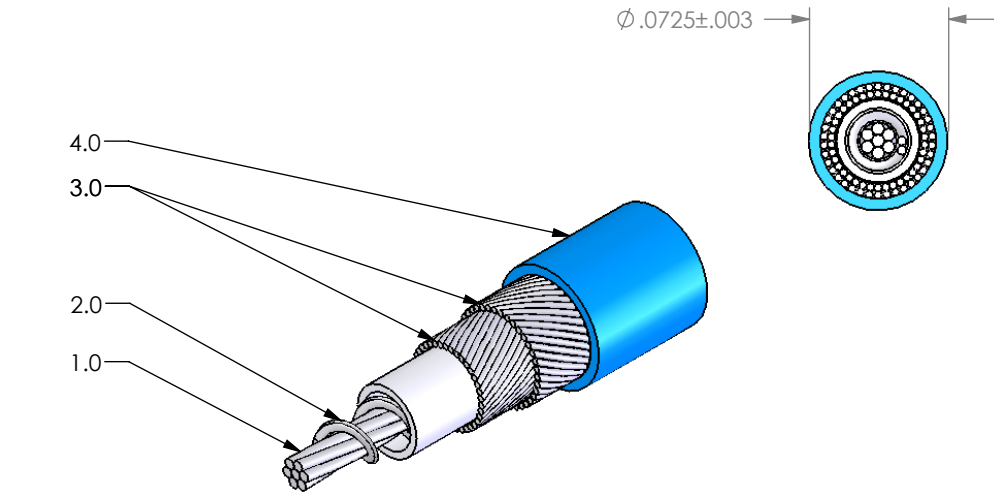
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REV	DESCRIPTION	DATE	INITIAL


**SPECIFICATIONS**

- 1.0 SIGNAL CONDUCTOR:  
 SIZE: 26 AWG  
 MATERIAL: SILVER PLATED COPPER  
 CONSTRUCTION: 7 X 34  
 OD (NOM.): .019"
- 2.0 INSULATION:  
 FILAMENT: 2@ PFA, BLACK  
 OD(NOM): .00475"  
 TEMPERATURE RATING: 200° MIN  
  
 CORE TUBE(NOM): FEP, .005" WALL THICKNESS  
 OD(NOM):  $\phi$ .0445"
- 3.0 SERVED SHIELD:  
 SIZE:  
 FIRST: 30 ENDS @38 AWG 90% COV.  
 SECOND: 35 ENDS @ 38 AWG 91% COV.  
 MATERIAL: SOLID SILVER PLATED COPPER  
 OVERALL SHIELD COVERAGE : 98%
- 4.0 JACKET:  
 MATERIAL: FEP  
 WALL THICKNESS (NOM.) .006"  
 OD:  $.0725 \pm .003$   
 COLOR: BLUE
- 5.0 ELECTRICAL CHARACTERISTICS:  
 IMPEDANCE: 50 ohms +2/-1 ohm  
 CAPACITANCE(NOM): 23.0 pF/ft  
 PROPAGATION DELAY: 1.14 ns/ft  $\pm .01$  ns/ft  
 DIELECTRIC WITHSTANDING VOLTAGE: 500V MIN

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



JOY SIGNAL CATALOG CODE: 18

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,26 AWG, FEP JACKET, FILAMENT INSULATION
FRACTIONS	DECIMALS ANGLES	APPROVALS	DATE	
.XX : $\pm .01$	.XXX : $\pm .005$	DRAWN	VW 10/27/5	
MATERIAL	SEE NOTES	CHECKED	LM 11/14/5	
FINISH	--	RESP ENG		
NEXT ASSY	USED ON	MFG ENG		
APPLICATION	DO NOT SCALE DRAWING	QUAL ENG	LM 10/27/5	
		SIZE	DWG. NO.	REV.
		A	790091	1
		SCALE	CAD FILE:	SHEET
			790091	1 OF 1