

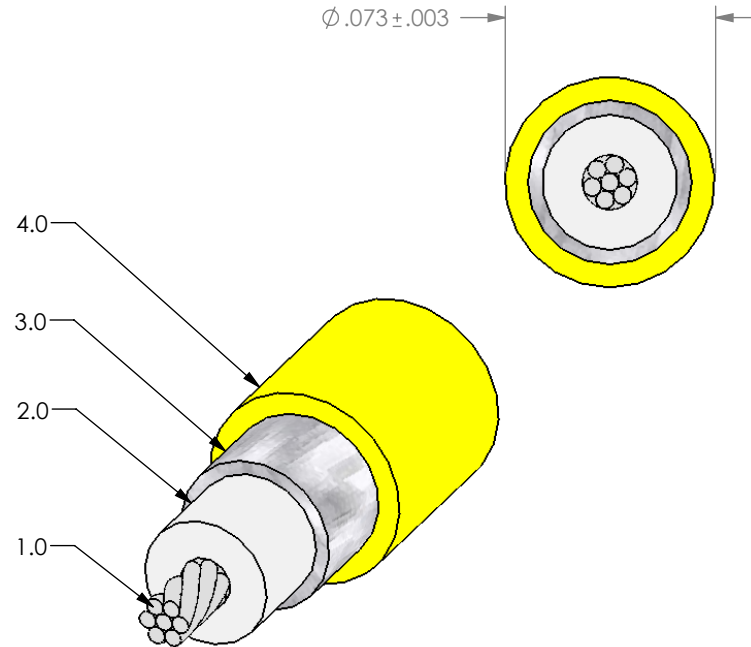
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REV	DESCRIPTION	DATE	INITIAL
A	RELEASED TO MFG. ATEN WAS 9.5 AND 33.8	6-11-09	ST


**SPECIFICATIONS**

- 1.0 SIGNAL CONDUCTOR:  
 SIZE: 26 AWG  
 MATERIAL: SILVER PLATED COPPER  
 CONSTRUCTION: 7 X 34  
 OD (NOM.): .019"
- 2.0 INSULATION:  
 MATERIAL: CELLULAR FEP OR EQUIVALENT  
 WALL THICKNESS: .014"  
 OD(NOM): .047"
- 3.0 SHIELD:  
 SIZE: 40 AWG  
 MATERIAL: TINNED COPPER BRAID  
 COVERAGE (MIN.): 95%
- 4.0 JACKET:  
 MATERIAL: FLUOROPOLYMER  
 WALL THICKNESS (NOM.) .007"  
 OD: .073"±.003  
 COLOR: YELLOW
- 5.0 ELECTRICAL CHARACTERISTICS:  
 IMPEDANCE: 50 ohms ± 2 ohms  
 CAPACITANCE(NOM): 24pF/ft  
 PROPAGATION DELAY: 1.21 ns/ft ±.03 ns/ft  
 DIELECTRIC WITHSTANDING VOLTAGE: 500V MIN  
 ATTENUATION(MAX):  
 100 MHz: 10.5 dB/100 ft  
 1 GHz : 37.2 dB/100 ft
- 6.0 TEMPERATURE OPERATING RANGE: -40°C TO +200°C

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



JOY SIGNAL CATALOG CODE: 05

ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	QTY REQD	
PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		  COAX,50 OHM, 26AWG, FLUOROPOLYMER JACKET, CELLULAR FEP INSULATION			
FRACTIONS DECIMALS ANGLES					APPROVALS DATE
.XX : ±.01					DRAWN VW 10/27/5
.XXX : ±.005					CHECKED LM 11/14/5
MATERIAL	SEE NOTES	RESP ENG			
FINISH	--	MFG ENG			
NEXT ASSY	USED ON	QUAL ENG LM 10/27/5	SIZE A	DWG. NO. 790032	
APPLICATION		DO NOT SCALE DRAWING	SCALE	DWG. NO. 790032	
			CAD FILE: 790032	REV. A	
			SHEET 1	OF 1	