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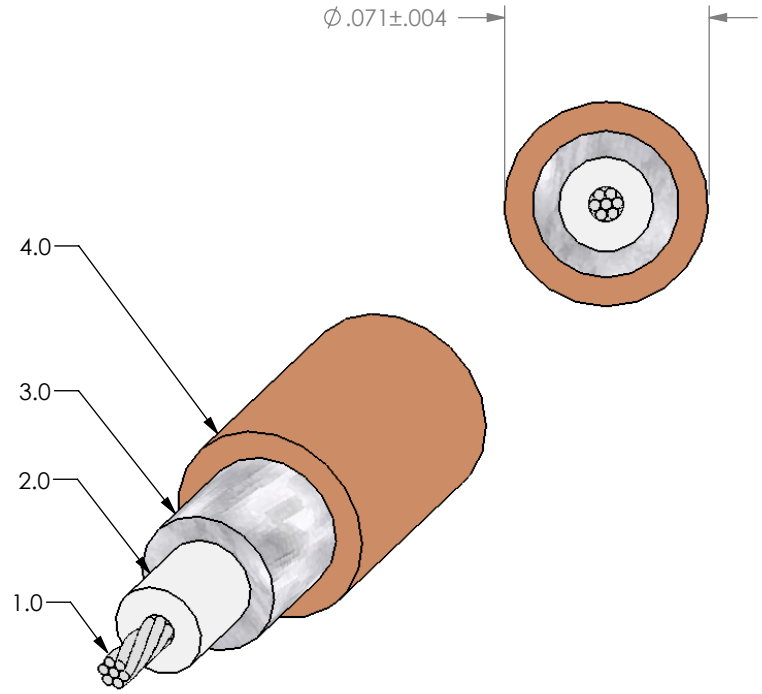
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REV	DESCRIPTION	DATE	INITIAL

SPECIFICATIONS

- 1.0 SIGNAL CONDUCTOR:
 SIZE: 30 AWG
 MATERIAL: SILVER PLATED COPPER-COVERED STEEL
 CONSTRUCTION: 7 X 38
 OD (NOM.): .012"
 - 2.0 INSULATION:
 MATERIAL: TFE TEFLON
 WALL THICKNESS: .0105"
 OD(NOM): .033"
 - 3.0 SHIELD:
 SIZE: 40 AWG-MAX.
 MATERIAL: SILVER PLATED COPPER
 COVERAGE (MIN.): 96%
 OD (NOM): .051"
 - 4.0 JACKET:
 MATERIAL: FLORINATED ETHYLENE PROPYLENE
 WALL THICKNESS (NOM.): .010
 OD: .071" ± .004
 COLOR: TINTED BROWN
 - 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
- ATTENUATION(MAX):
 100MHz: 16 dB/100 ft
 400MHz: 33 dB/100 ft
 1 GHz : 52 dB/100 ft
- 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:		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		
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		
APPLICATION		DO NOT SCALE DRAWING		
SCALE		DWG. NO. 790001		
CAD FILE: 790001		REV. 1		
SHEET 1 OF 1		SHEET 1 OF 1		



COAX, 50 OHM, 30AWG,
 FEP JACKET,
 TFE TEFLON INSULATION