REV	DESCRIPTION	DATE	INITIAL
-	ECR# 170046	5/4/17	DW

SPECIFICATIONS

1.0 SIGNAL CONDUCTOR:
SIZE: 28 AWG
MATERIAL: SILVER PLATED COPPER
CONSTRUCTION: 7 X 36

2.0 INSULATION:
FILAMENT(NOM): PFA, 2 @ ∅.00375

CORE TUBE: FEP
WALL THICKNESS: .0048"
OD(NOM): ∅.036"

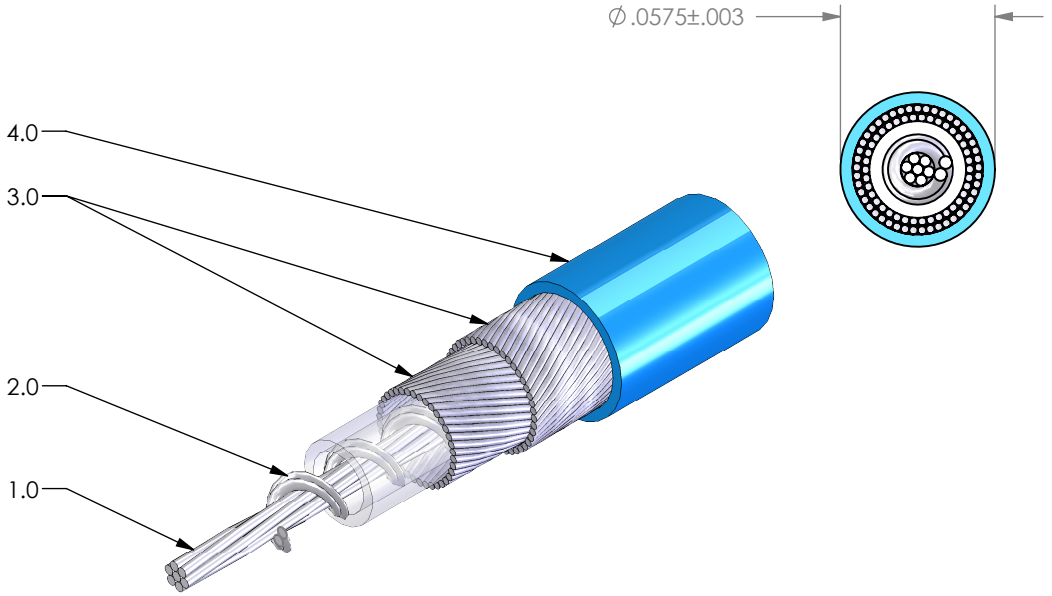
3.0 SHIELD:
FIRST: 40 AWG
SECOND: 40 AWG
MATERIAL: SOLID SILVER PLATED COPPER

4.0 JACKET:
MATERIAL: FEP
WALL THICKNESS (NOM.) .0045"
OD: ∅.0575±.003
COLOR: BLUE

5.0 ELECTRICAL CHARACTERISTICS:
IMPEDANCE: 50 ohms ±2 ohm
CAPACITANCE: 23.0 pF/ft
PROPAGATION DELAY: 1.17 ns/ft ±.02 ns/ft

6.0 RoHS COMPLIANT

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



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

MATERIAL: SEE NOTES
FINISH: --

CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE

APPROVALS		DATE
DRAWN	VW	10/27/5
CHECKED	LM	11/14/5
RESP ENG		
MFG ENG		
QUAL ENG	LM	10/27/5

JOY SIGNAL TECHNOLOGY
A Maritex Company

COAX,50 OHM,28 AWG,
FEP JACKET,
FILAMENT INSULATION

NEXT ASSY	USED ON
APPLICATION	DO NOT SCALE DRAWING

SIZE A | DWG. NO. 790141 | REV. -
SCALE | CAD FILE: 790141 | SHEET 1 OF 1

JOY SIGNAL CATALOG CODE: 19