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REVISIONS					
ZONE	REV.	DESCRIPTION	ECO	DATE	APPROVED
	-	REVISED PER VENDOR SPECIFICATION	160106	8/10/2016	CAS
	A	NOTE 8	170046	5/3/2017	CAS

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): .0048"
TEMPERATURE RATING: 200° MIN

3.0 CORE TUBE(NOM): FEP, .005" WALL THICKNESS
OD(NOM): Ø.0445"

4.0 SERVED SHIELD:

SIZE:
FIRST: 38 AWG 90% COV.
SECOND: 38 AWG 90% COV.
MATERIAL: SOLID SILVER PLATED COPPER

5.0 JACKET:

MATERIAL: FEP
WALL THICKNESS (NOM.) .006"
OD: .0725 ±.003
COLOR: BLUE

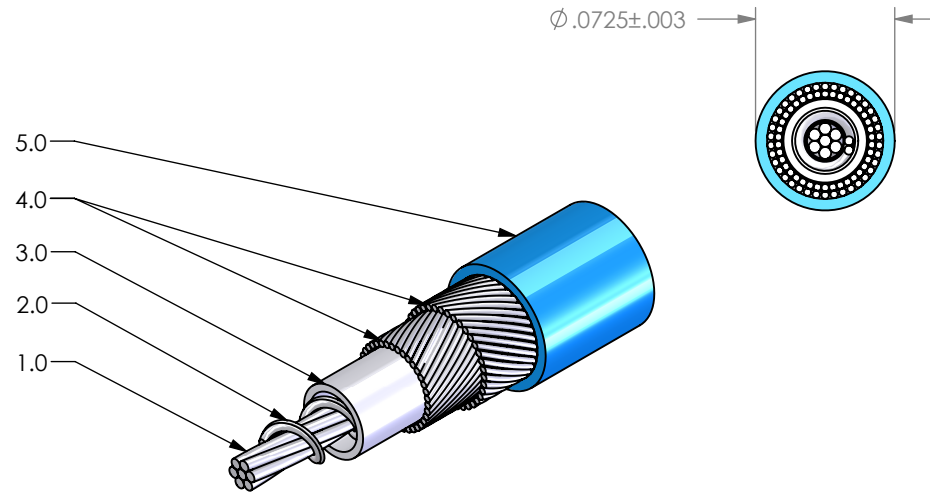
6.0 ELECTRICAL CHARACTERISTICS:

IMPEDANCE: 50 ohms ±2 ohm
CAPACITANCE(NOM): 23.0 pF/ft REF
PROPAGATION DELAY: 1.145 ns/ft ±.01 ns/ft
DIELECTRIC WITHSTANDING VOLTAGE: 500V MIN
SHIELD DC RESISTANCE: 11.5 ohms/1000 ft REF
UL STYLE: 1354

7.0 PACKAGING REQUIREMENTS:

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

8.0 RoHS COMPLIANT



JOY SIGNAL CATALOG CODE: 18

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: .XX : ±0.01 ANGLES ±.5° .XXX: ±0.005 FIN:	INTERPRET DRAWING PER ASME Y14.5-2009			
	APPROVALS	DATE		
	DRAWN	VW	10/27/5	COAX, 50 OHM, 26 AWG, FEP JACKET, FILAMENT INSULATION
	CHECKED	LM	11/14/5	
MATERIAL	SEE NOTES			
FINISH	--			SIZE A DWG. NO. 790091 REV. A
DO NOT SCALE DRAWING	THIRD ANGLE PROJECTION		SCALE 4:1	SHEET 1 OF 1

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