

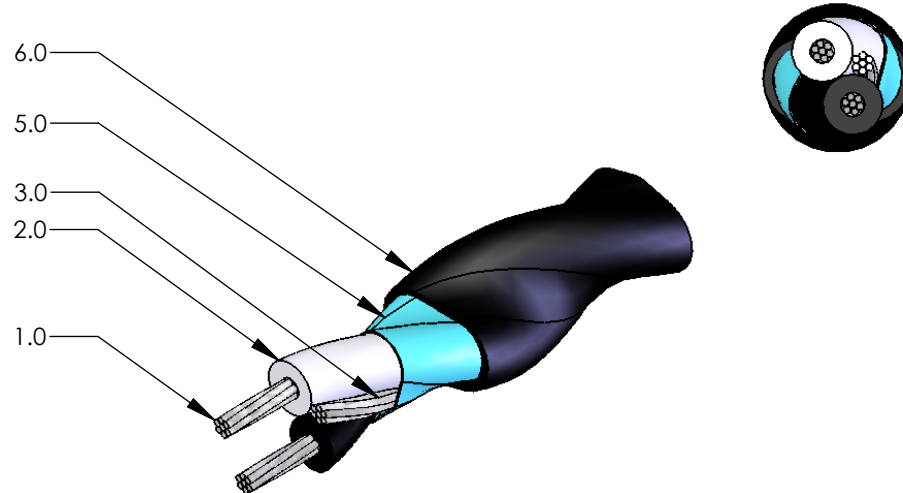
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REV	DESCRIPTION	DATE	INITIAL

SPECIFICATIONS


- 1.0 SIGNAL CONDUCTOR:
 SIZE: 30 AWG
 MATERIAL: SILVER PLATED COPPER
 CONSTRUCTION: 7 X 38
- 2.0 INSULATION:
 MATERIAL: CELLULAR FEP OR EQUIVALENT
 WALL THICKNESS(NOM): .010"
 COLOR: 1. WHITE 2. BLACK
- 3.0 DRAIN WIRE:
 SIZE: 30 AWG
 MATERIAL: SILVER PLATED COPPER
 CONSTRUCTION: 7 X 38
- 4.0 CABLE:
 CABLE LAYUP: 2 INSULATED CONDUCTORS TWISTED TOGETHER WITH A DRAIN WIRE
 2.5 TWISTS PER INCH(APROX)
- 5.0 SHIELD:
 MATERIAL: ALUMINUM/POLYESTER TAPE WRAP, ALUMINUM SIDE IN
- 6.0 JACKET:
 MATERIAL: FEP
 WALL THICKNESS(NOM): .006"
 COLOR: BLACK
 DIAMETER: .080 ± .005(MAJOR AXIS)
- 7.0 ELECTRICAL CHARACTERISTICS:
 IMPEDANCE: 100 OHM ± 10 OHM
 ATTENUATION: 18 dB/100 ft AT 100 MHZ MAX
 CAPACITANCE: 12.0 pF/ft NOM.
 VELOCITY OF PROPOGATION(NOM): 78%



OPERATING TEMP: -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: 43

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		 SHIELDED TWISTED PAIR, 30 AWG, FEP JACKET
FRACTIONS	DECIMALS ANGLES	APPROVALS	DATE	
.XX : ±.01	.XXX : ±.005	DRAWN	VW 10/4/6	
MATERIAL		CHECKED	MV 10/4/6	
FINISH		RESP ENG		
NEXT ASSY	USED ON	MFG ENG		
APPLICATION		QUAL ENG	LM 10/5/6	
DO NOT SCALE DRAWING		SCALE	DWG. NO. 790257	REV. 1
		CAD FILE: 790257	SHEET 1	OF 1