

Construction

Component I - 28 awg shielded pairs

Conductor: 28 awg tinned copper

Insulation: PP, .039 Dia.

Pair: 2 lns. conductors twisted together

Pair Shield: Al/PE Tape, Al facing out 25% overlap

Component II - 28 awg Singles

Conductor: 28 awg tinned copper

Insulation: HDPE, .035 Dia.

Final Assembly

Core: 1 Component I and PP fillers cabled together

Layer 1: 10 Pairs cabled around core

Drain Wires: (4) 28 awg tin plated copper

Isolation: PE tape, 50% overlap

Inner Shield: Al/PE tape, Al facing out, 25% overlap

Outer Shield: 36 awg tin plated copper braid, 90% coverage

Jacket: PVC, Color- Black, Finish - Semi-Gloss

Print Legend: INTERCON 1 INTERFLEX CAMERA LINK

89878-11P E245274 AWM STYLE 20276 80C 30V VW-1 CSA

246257 AWM II A/B 80C30V FT1 ROHS COMPLIANT

Electrical Characteristics

Component I - 28 awg shielded pairs

Differential Impedance: 100 +/- 10 Ohms

Mutual Capacitance: 15 pF/ft nominal

Velocity of Propagation: 70% nominal

Near-End / Far-End Crosstalk: 4% Maximum, Pulse Method, 500 ps rise time

Conductor DC Resistance: 64 Ohms/1000 ft max

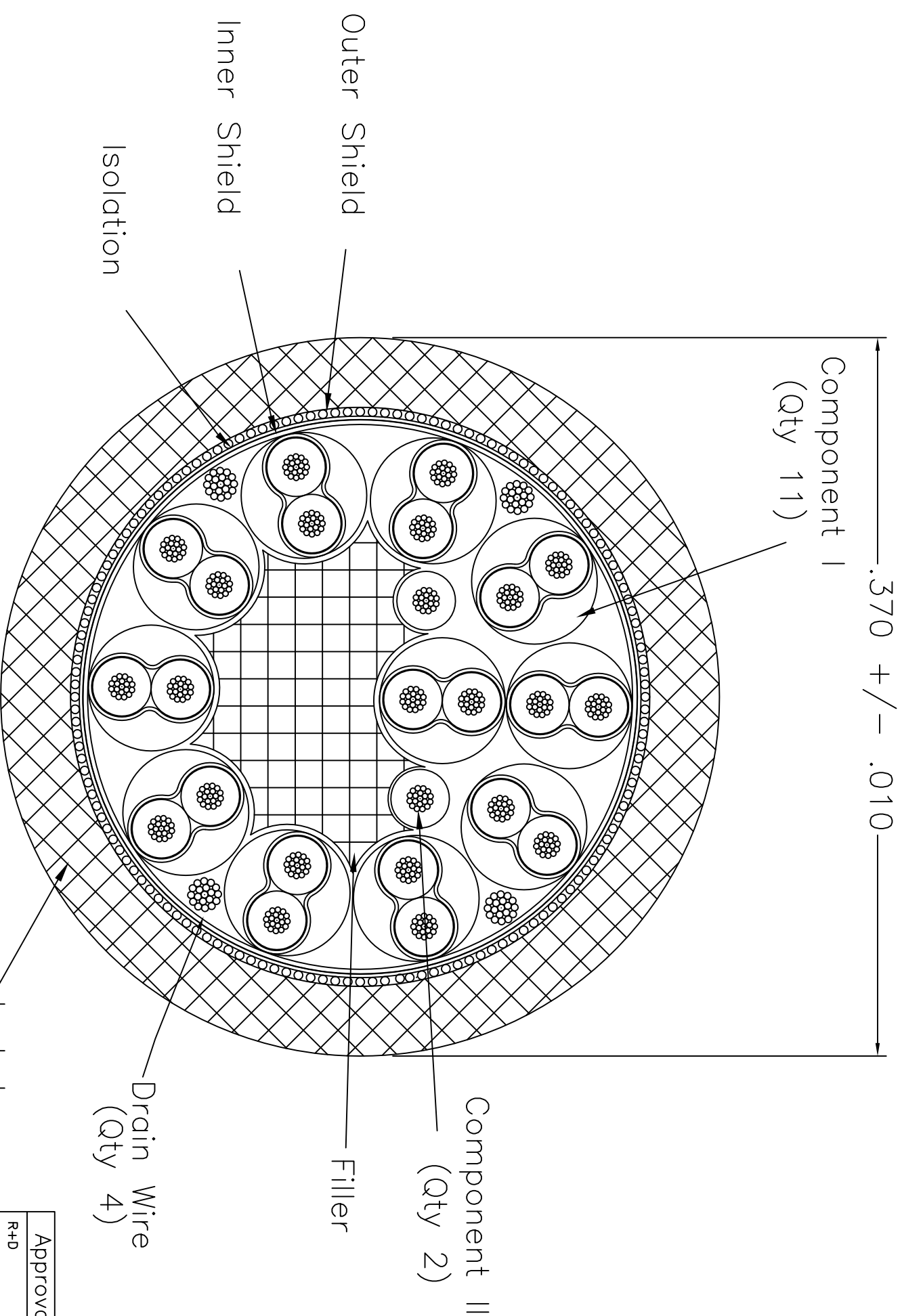
Safety Certification

UL AWM: 80°C, 30 Volts

CSA AWM: I/II A/B 80°C 30V FT1

ROHS Compliance: Compliant

Print Revision	Description	Date	Approval
CHANGE LETTER			
B	UPDATED DRAWING	4/11	JE
C	UPDATED DRAWING	7/13	JE



Approvals	
R+D	
MFG	

Customer Revision	REV	DATE	BY	CUSTOMER	DESCRIPTION	REVISION	DRAWN BY	SHEET
	XX			INTERCON	CAMERA LINK CABLE	C	JES	10F1
				Intercon 1 Nortech Systems				
				PART NUMBER		89878-11P		