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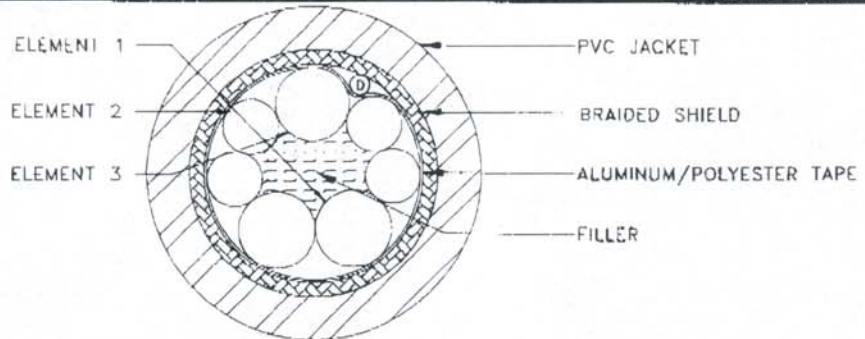
C & M

CORPORATION

"OUR SUCCESS DEPENDS ON YOUR SATISFACTION"

Portlaoise,
 County Laoise, Ireland
 Phone: (353) 502-20944
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8 CONDUCTOR COMPOSITE OVERALL SHIELDED AND JACKETED CABLE



1.0 ELEMENT 1:

20 AWG (7/28) Tinned Copper
 Semi-rigid Polyvinyl Chloride, .058" +/- .002" dia.
 Number of Primaries: 2
 Color Code: 1. Red 2. Black

2.0 ELEMENT 2:

24 AWG (7/32) Tinned Copper
 Semi-Rigid Polyvinyl Chloride, .044" +/- .002" dia.
 Number of Primaries: 4
 Color Code: 1. Brown
 2. Blue
 3. Orange
 4. Yellow

3.0 ELEMENT 3:

28 AWG (7/36) Tinned Copper
 Polypropylene, .032" +/- .002" diameter
Twisted Pairs:
 Number of Pairs: 1
 Color Code: 1. Green & White

4.0 OVERALL CABLE:

Element 1: 2 Primaries
 Element 2: 4 Primaries
 Element 3: 1 Pair
 Aluminum (Out)/Polyester Tape, 25% overlap
 28 AWG (7/36) Tinned Copper drain wire, over tape
 Filler: Optional

5.0 BRAIDED SHIELD:

36 AWG Tinned Copper, 85% minimum coverage

6.0 JACKET:

Separator: Tissue Tape, optional
 Polyvinyl Chloride, .032" wall thickness
 .252" +/- .010" Final Diameter
 Color: Pebble Gray
 Print Legend: E101876 (UL) CL2 2C/20 AWG & 4C/24 AWG
 & 2C/28 AWG 75°C SHIELDED --- LL33361 CSA AWM I/II
 A 80°C 300V FT4 - OIL1617

7.0 FINISHED PRODUCT REQUIREMENTS:

UL LISTING: Type CL2 as specified in Article 725 of the
 National Electric Code.

CSA AWM: I/II A 80°C 300V FT4

8.0 ELECTRICAL REQUIREMENTS:

Impedance (Differential): 90 Ohms Nom
 Capacitance (Mutual): 20 pF/ft Max @ 10 KHz
 Time Delay: 1.55 ns/ft Nom from 1-16 MHz
 Insulation Resistance: 50,000 MegOhms/ft Min @ 20°C
 Conductor Resistance: .070 Ohms/ft Max @ 20°C
 Conductor Resistance Unbalance: 5% Max
 Pair-Ground Capacitance Unbalance: 1000 pF/1000 ft
 Max @ 1 KHz
 Attenuation: 5.2 db/1000 ft Nom @ 64 KHz
 7.1 db/1000 ft Nom @ 256 KHz
 8.5 db/1000 ft Nom @ 512 KHz
 9.7 db/1000 ft Nom @ 772 KHz
 12.0 db/1000 ft Nom @ 1 MHz
 23.0 db/1000 ft Nom @ 4 MHz
 31.0 db/1000 ft Nom @ 8 MHz
 34.0 db/1000 ft Nom @ 10 MHz
 43.0 db/1000 ft Nom @ 16 MHz

B	Added Electricals	<i>ACQ</i> <i>5/6/98</i>	ALL VALUES ARE NOMINAL UNLESS OTHERWISE SPECIFIED		C&M DESCRIPTION	
A	Released	JCA 04/29/98	PROPRIETARY INFORMATION DO NOT DUPLICATE WITHOUT WRITTEN CONSENT FROM C&M		8 CONDUCTOR COMPOSITE OVERALL SHIELDED AND JACKETED CABLE (REF# OIL1617)	
REV	DESCRIPTION	ENG/DATE	APPROVALS	DATE	C&M PART NUMBER	REV
			DRAWN	DJN	04/29/98	12560
			CHECK	TLH	04/29/98	B
REVISION STATUS					SHEET 1 OF 1	