MERCURY WIRE PRODUCTS, INC.
Manufacturers of Wire & Cable

CABLE SPECIFICATION

MW#: 13495

ENGINEERED BY: MC/PB

DATE: 12/4/98

SHEET 1 OF 2

8/C Composite Cable

Element #1: (1) #22 AWG Twisted Shielded Pair

> **Conductors:** #22 AWG 7/30 tinned copper

> **Insulation:** Nominal .010" thickness, Polyethylene

> **Color Code:**
> 1. Red
> 2. Black

> **Cabling Construction:** (2) #22 AWG conductors are cabled together and the pair is wrapped with an aluminum/polyester foil wrap with the foil side facing in making contact with the drain wire

> **Drain Wire:** #24 AWG 7/32 tinned copper

Element #2: (6) #22 AWG Conductors

> **Conductors:** #22 AWG 7/30 tinned copper

> **Insulation:** Nominal .010" thickness, PVC

Overall Construction: (6) #22 AWG conductors are cabled around Element #1 and the cable bundle is wrapped with a clear polyester tape

Fillers: Fillers will be used as required for roundness

Jacket: .025" thickness, Black Polyurethane

Jacket Legend: Cable Jacket is printed in white ink as follows: "PHOENIX GEOPHYSICS"

Approximate OD: .260" (Max .270")

ACCEPTED:_____

COMPANY NAME

_____

NAME (PRINTED)   DATE
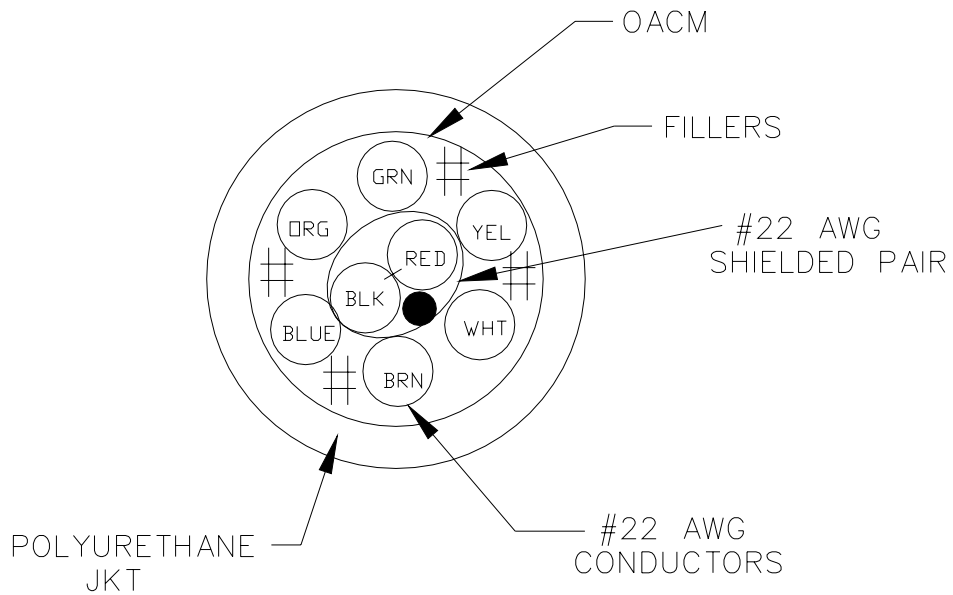
_____

NAME (SIGNATURE)   DATE

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SHEET 2 OF 2

OACM

FILLERS

#22 AWG SHIELDED PAIR

#22 AWG CONDUCTORS

POLYURETHANE JKT

GRN, ORG, YEL, RED, BLK, WHT, BLUE, BRN

<u>Cross Section</u>

ACCEPTED:_____

COMPANY NAME

_____

NAME (PRINTED)   DATE

_____

NAME (SIGNATURE)   DATE