



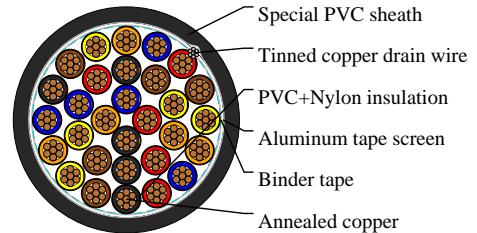
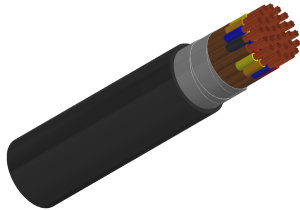
# Caledonian

Cables For Oil Industry  
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## Screened THHN/THWN-2 Cable

30C14AWG, 600V, Rated 90°C



## APPLICATIONS

These cables are used in class 1, Division 2 Hazardous locations, may be installed in trays, wire ways, ducts, conduit and aerially when properly supported by a messenger. They are approved for direct burial, wet or dry locations and outdoors in cable trays where a sunlight resistant rating is required.

## STANDARDS

ICEA S-73-532; UL 1277; UL 83

## CABLE CONSTRUCTION

Conductor: Bare, annealed copper conforming to ASTM B3 and B8

Insulation: Flame-retardant PVC/Nylon type THHN/THWN-2 per UL 83

Binder tape

Screen: Aluminum tape

Drain Wire: 16 AWG (7w) tinned copper

Ripcord: Nylon

Jacket: Special PVC, flame retardant, UL listed sunlight and moisture resistant, meeting the requirements of UL 1277. Color: Black

Chemical resistance: Aliphatic and aromatic hydrocarbon resistance

## COLOUR CODE

Color coded per Method #1-E2 per ICEA S-73-532

## DIMENSION AND PARAMETERS

| No. of Cores | AWG Size | PVC Thickness | Nylon Thickness | Nominal Jacket Thickness | Nom. Overall Diameter | Approx. Weight | Ampacity |
|--------------|----------|---------------|-----------------|--------------------------|-----------------------|----------------|----------|
|              |          | mm            | mm              | mm                       | mm                    | kg/km          | amps     |
| 30           | 14       | 0.38          | 0.1             | 2.03                     | 22.82                 | 972            | 11.3     |