



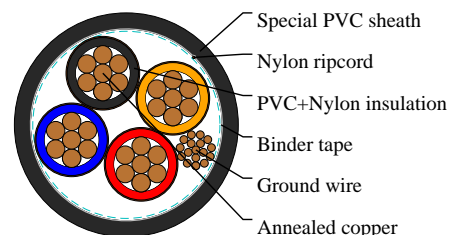
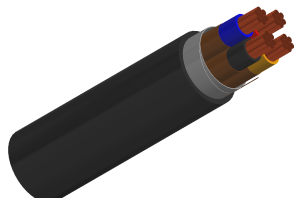
# Caledonian

Cables For Oil Industry  
www.caledonian-cables.com

marketing@caledonian-cables.com

## Unscreened THHN/THWN-2 Cable with Ground Wire

4C2AWG, 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; ICEA S-95-658; UL 1277; UL 83

## CABLE CONSTRUCTION

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

Ground wires: Sized as required by UL 1277. Sizes 14 AWG to 6 AWG have an insulated green ground wire.

Sizes 4 AWG and larger have a bare ground wire.

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

Binder tape

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 | Ground Wire | Nominal Jacket Thickness | Nom. Overall Diameter | Approx. Weight | Ampacity |
|--------------|----------|---------------|-----------------|-------------|--------------------------|-----------------------|----------------|----------|
|              |          | mm            | mm              | AWG         | mm                       | mm                    | kg/km          | amps     |
| 4            | 2        | 1.02          | 0.15            | 6           | 2.03                     | 27.56                 | 1823           | 130      |