



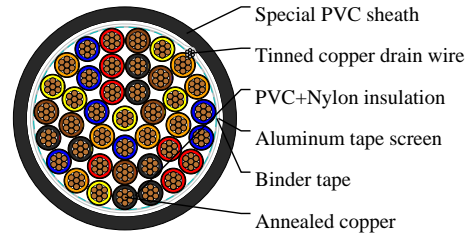
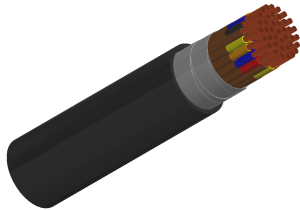
Caledonian

Cables For Oil Industry
www.caledonian-cables.com

marketing@caledonian-cables.com

Screened THHN/THWN-2 Cable

40C12AWG, 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 |
| 40 | 12 | 0.38 | 0.1 | 2.03 | 28.95 | 1827 | 12 |