



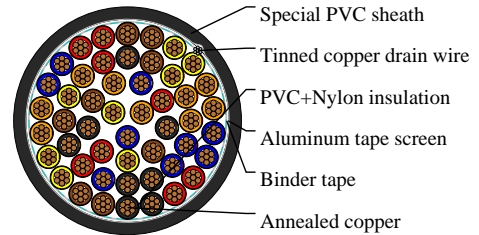
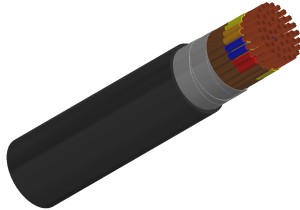
# Caledonian

Cables For Oil Industry  
www.caledonian-cables.com

marketing@caledonian-cables.com

## Screened THHN/THWN-2 Cable

50C12AWG, 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
50	12	0.38	0.1	2.03	31.77	2245	10.5