



Caledonian

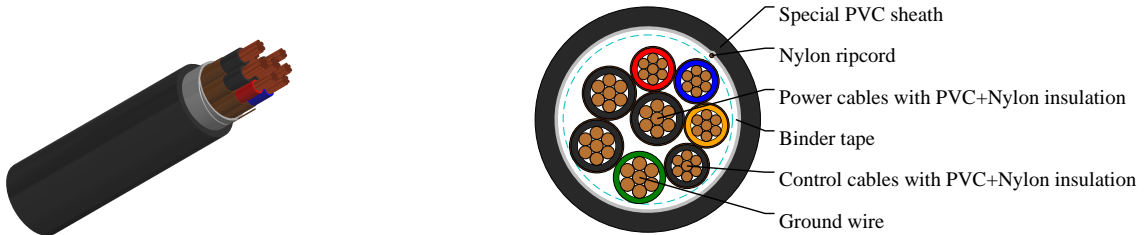
Cables For Oil Industry

www.caledonian-cables.com

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Unscreened Composite THHN/THWN-2 Cable

4C12AWG Control cables+3C8AWG Power cables 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

4 Control Conductors with 3 Power conductors and 1 Ground Wire

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

Ground wire are green insulated

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

Core identification:

Control conductors are color coded as E2 per ICEA S-73-532

Power conductors are black with numbers

DIMENSION AND PARAMETERS

Control Cable Size	Control Cable Insulation Thickness PVC/ Nylon	Power Cable Size	Power Cable Insulation Thickness PVC/ Nylon	Ground Wire	Nominal Jacket Thickness	Nom. Overall Diameter	Approx. Weight	Ampacity (Control Cable)	Ampacity (Power Cable)
AWG	mm	AWG	mm	AWG	mm	mm	kg/km	amps	amps



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12	0.38/0.1	8	0.76/0.13	10	1.52	18.19	616	21	55
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