Unscreened Composite THHN/THWN-2 Cable

4C14AWG Control cables+3C12AWG Power cables 600V, Rated 90°C

- Special PVC sheath
- Nylon ripcord
- Power cables with PVC+Nylon insulation
- Binder tape
- Control cables with PVC+Nylon insulation
- Ground wire
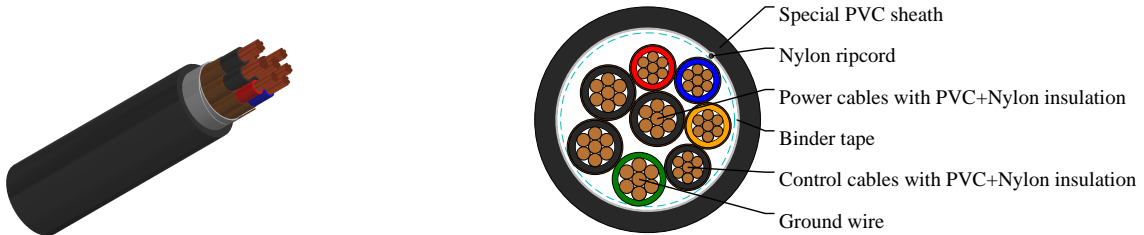
APPLICATIONS

These cables are use 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

| 14 | 0.38/0.1 | 12 | 0.38/0.1 | 12 | 1.52 | 13.46 | 333 | 17.5 | 21 |