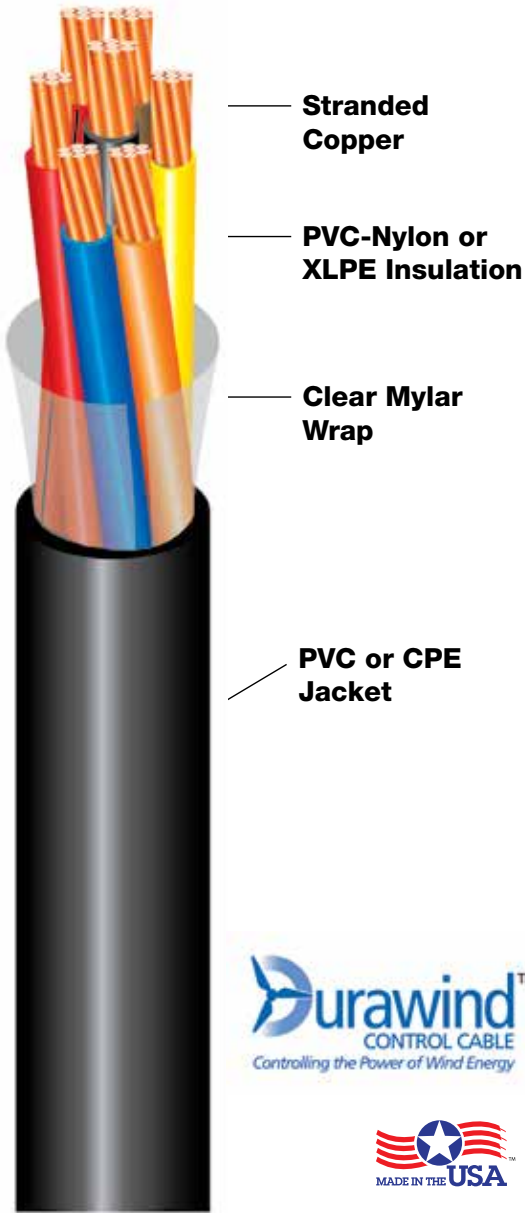


WTTC Wind Cable

Type TC, WTTC Wind Cable Constructions
UL 1277, UL 2277



Construction Capabilities:

Conductor: 18- 4/0 AWG ,Fine Stranding per UL 62, Tinned or Bare Copper

Insulation:

Listed Types THW, THW-2, THHW, THHN, THWN, THWN-2, TFN or TFFN conductors, or Unlisted conductors similar to Types TFN or TFFN rated 90°C dry, 75°C or 90°C wet. Listed Types XHHW, XHHW-2, RHH, RHW, RHW-2, RFH-2, FFH-2, RFHH-2 or RFHH-3 conductors, or Unlisted conductors similar to Types RFH-2, FFH-2, RFHH-2 or RFHH-3, except rated 90°C dry, 75°C or 90°C wet. The cable may consist of any combination of conductor sizes provided that all conductors are of the same material.

Identification:

Conductors will be marked using Method 2 and 4 color codes, The wire shall be identified by surface marking indicating the manufacturer's identification, conductor size, voltage rating, UL symbol and type designations, and sequential footage marking.

Available Colors: Black

Ground Wire: A non-insulated bare copper ground is available for all constructions

Shielding Options:

Overall Foil Shield, Individual and overall foil shield, Overall copper tape (corrugated or heliacal)

Application:

Multiconductor, Pair, or Triad Instrumentation and Control Cable rated 1000volts WTTC and 600volts TC

Standards: Conductor: UL 62

Insulations: UL 44, UL 854, UL 83, UL 66

Overall: UL 1277, UL 2277

Additional Approvals:

-40°C cold bend
Gas and Oil II
Torsion Tested



Cable Data

Insul/Jkt	WTTC*	TC	TC-ER	DIR BUR	Temp Wet/Dry	Additional Ratings***
PVC-Nylon/PVC	YES	YES	YES	YES	75C/90C	Sun Res,UL 1685, FT4, IEEE 1202, TC 600V, WTTC 1000V
XLPE/PVC	YES	YES	YES	YES	75C/90C	Sun Res, UL 1685,FT4, IEEE 1202, TC 600V, WTTC 1000V, 2000V employing RHW-2 cond
XLPE/CPE	YES	YES	YES	YES**	90C/90C	Sun Res, UL 1685,FT4, IEEE 1202, TC 600V, WTTC 1000V, 2000V employing RHW-2 cond
PVC-Nylon/CPE	YES	YES	YES	YES**	90C/90C	Sun Res,UL 1685, FT4, IEEE 1202, TC 600V, WTTC 1000V

*WTTC can not be marked direct burial or Exposed Run. ** Dir Bur on CPE 16awg and larger.*** XLPE construction must use VW-1 singles to comply with Flame Tests

The information contained on this specification is intended to be used a guide in product selection and is believed to be reliable.

ADC has made every effort to ensure the data shown above is accurate at the time of publication. This specification is subject to change anytime without notice. REV0216

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WTTC WIND CABLE

