



WIND TURBINE TRAY CABLE

UL WTTC / TC-ER reference

12 orderable sizes

STANDARD UL WTTC / TC-ER reference	VOLTAGE CLASS 600 V / 1000 V	TEMPERATURE CLASS -40 °C to +90 °C turbine tray route guide
CONDUCTOR AWG16, AWG14, AWG12, AWG10	INSULATION / JACKET Sunlight, oil and turbine-rated TPE/PVC jacket	

Construction

- 1 **Conductor (per core)** – Stranded tinned copper tray cable conductor · 50 × Ø0.23 mm · IEC 60228 cl.5
- 2 **Core insulation** – Flexible core insulation selected by motion duty
- 3 **Filler** – PP filler
- 4 **Sheath** – Sunlight, oil and turbine-rated TPE/PVC jacket

Size selection — all available cross-sections

Cable reference	Motion duty	Cable function	Voltage class	Element design	Conductor / element size	Conductor construction	Screen / protection	Jacket	Torsion rating	Temperature class	OD guide	Weight guide
WTTC wind turbine tray cable 4 core AWG16	Tray, exposed-run and turbine auxiliary wiring	Wind turbine tray power/control circuits	600 V / 1000 V	4 core	AWG16	Stranded tinned copper tray cable conductor	Tray cable construction with exposed-run jacket option	Sunlight, oil and turbine-rated TPE/PVC jacket	Fixed tray and turbine service-loop installation guide	-40 °C to +90 °C turbine tray route guide	18.6 mm	1291 kg/km
WTTC wind turbine tray cable 4 core AWG14	Tray, exposed-run and turbine auxiliary wiring	Wind turbine tray power/control circuits	600 V / 1000 V	4 core	AWG14	Stranded tinned copper tray cable conductor	Tray cable construction with exposed-run jacket option	Sunlight, oil and turbine-rated TPE/PVC jacket	Fixed tray and turbine service-loop installation guide	-40 °C to +90 °C turbine tray route guide	18.1 mm	1139 kg/km
WTTC wind turbine tray cable 4 core AWG12	Tray, exposed-run and turbine auxiliary wiring	Wind turbine tray power/control circuits	600 V / 1000 V	4 core	AWG12	Stranded tinned copper tray cable conductor	Tray cable construction with exposed-run jacket option	Sunlight, oil and turbine-rated TPE/PVC jacket	Fixed tray and turbine service-loop installation guide	-40 °C to +90 °C turbine tray route guide	17.5 mm	987 kg/km
WTTC wind turbine tray cable 4 core AWG10	Tray, exposed-run and turbine auxiliary wiring	Wind turbine tray power/control circuits	600 V / 1000 V	4 core	AWG10	Stranded tinned copper tray cable conductor	Tray cable construction with exposed-run jacket option	Sunlight, oil and turbine-rated TPE/PVC jacket	Fixed tray and turbine service-loop installation guide	-40 °C to +90 °C turbine tray route guide	16.8 mm	835 kg/km
WTTC wind turbine tray cable 5 core AWG16	Tray, exposed-run and turbine auxiliary wiring	Wind turbine tray power/control circuits	600 V / 1000 V	5 core	AWG16	Stranded tinned copper tray cable conductor	Tray cable construction with exposed-run jacket option	Sunlight, oil and turbine-rated TPE/PVC jacket	Fixed tray and turbine service-loop installation guide	-40 °C to +90 °C turbine tray route guide	19.0 mm	1595 kg/km
WTTC wind turbine tray cable 5 core AWG14	Tray, exposed-run and turbine auxiliary wiring	Wind turbine tray power/control circuits	600 V / 1000 V	5 core	AWG14	Stranded tinned copper tray cable conductor	Tray cable construction with exposed-run jacket option	Sunlight, oil and turbine-rated TPE/PVC jacket	Fixed tray and turbine service-loop installation guide	-40 °C to +90 °C turbine tray route guide	18.5 mm	1405 kg/km
WTTC wind turbine tray cable 5 core AWG12	Tray, exposed-run and turbine auxiliary wiring	Wind turbine tray power/control circuits	600 V / 1000 V	5 core	AWG12	Stranded tinned copper tray cable conductor	Tray cable construction with exposed-run jacket option	Sunlight, oil and turbine-rated TPE/PVC jacket	Fixed tray and turbine service-loop installation guide	-40 °C to +90 °C turbine tray route guide	17.9 mm	1215 kg/km
WTTC wind turbine tray cable 5 core AWG10	Tray, exposed-run and turbine	Wind turbine tray power/control circuits	600 V / 1000 V	5 core	AWG10	Stranded tinned copper tray cable conductor	Tray cable construction with exposed-run	Sunlight, oil and turbine-rated	Fixed tray and turbine service-loop installation guide	-40 °C to +90 °C turbine tray route guide	17.2 mm	1025 kg/km

Cable reference	Motion duty	Cable function	Voltage class	Element design	Conductor / element size	Conductor construction	Screen / protection	Jacket	Torsion rating	Temperature class	OD guide	Weight guide
	auxiliary wiring						jacket option	TPE/PVC jacket				
WTTC wind turbine tray cable 7 core AWG16	Tray, exposed-run and turbine auxiliary wiring	Wind turbine tray power/control circuits	600 V / 1000 V	7 core	AWG16	Stranded tinned copper tray cable conductor	Tray cable construction with exposed-run jacket option	Sunlight, oil and turbine-rated TPE/PVC jacket	Fixed tray and turbine service-loop installation guide	-40 °C to +90 °C turbine tray route guide	19.7 mm	2203 kg/km
WTTC wind turbine tray cable 7 core AWG14	Tray, exposed-run and turbine auxiliary wiring	Wind turbine tray power/control circuits	600 V / 1000 V	7 core	AWG14	Stranded tinned copper tray cable conductor	Tray cable construction with exposed-run jacket option	Sunlight, oil and turbine-rated TPE/PVC jacket	Fixed tray and turbine service-loop installation guide	-40 °C to +90 °C turbine tray route guide	19.2 mm	1937 kg/km
WTTC wind turbine tray cable 7 core AWG12	Tray, exposed-run and turbine auxiliary wiring	Wind turbine tray power/control circuits	600 V / 1000 V	7 core	AWG12	Stranded tinned copper tray cable conductor	Tray cable construction with exposed-run jacket option	Sunlight, oil and turbine-rated TPE/PVC jacket	Fixed tray and turbine service-loop installation guide	-40 °C to +90 °C turbine tray route guide	18.6 mm	1671 kg/km
WTTC wind turbine tray cable 7 core AWG10	Tray, exposed-run and turbine auxiliary wiring	Wind turbine tray power/control circuits	600 V / 1000 V	7 core	AWG10	Stranded tinned copper tray cable conductor	Tray cable construction with exposed-run jacket option	Sunlight, oil and turbine-rated TPE/PVC jacket	Fixed tray and turbine service-loop installation guide	-40 °C to +90 °C turbine tray route guide	17.9 mm	1405 kg/km