



TOWER DROP POWER CABLE

IEC 60502-1 / wind tower cable reference

24 orderable sizes

STANDARD IEC 60502-1 / wind tower cable reference	VOLTAGE CLASS 0.6/1 kV	TEMPERATURE CLASS -40 °C to +90 °C wind tower route guide
CONDUCTOR 10 mm², 16 mm², 25 mm², 35 mm², 50 mm², 70 mm², 95 mm², 120 mm²	INSULATION / JACKET UV, oil and flame retardant LSZH / PE jacket	

Construction

- 1 ■ Conductor (per core) – Class 2 or Class 5 copper power conductor · 7 × Ø2.52 mm · IEC 60228 cl.2
- 2 ■ Core insulation – Flexible core insulation selected by motion duty
- 3 ■ Filler – PP filler
- 4 ■ Sheath – UV, oil and flame retardant LSZH / PE 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
Wind turbine tower drop power cable 3 core 10 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	3 core	10 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation bending guide	-40 °C to +90 °C wind tower route guide	17.2 mm	665 kg/km
Wind turbine tower drop power cable 3 core 16 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	3 core	16 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation bending guide	-40 °C to +90 °C wind tower route guide	18.9 mm	1007 kg/km
Wind turbine tower drop power cable 3 core 25 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	3 core	25 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation bending guide	-40 °C to +90 °C wind tower route guide	21.0 mm	1520 kg/km
Wind turbine tower drop power cable 3 core 35 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	3 core	35 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation bending guide	-40 °C to +90 °C wind tower route guide	23.0 mm	2090 kg/km
Wind turbine tower drop power cable 3 core 50 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	3 core	50 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation bending guide	-40 °C to +90 °C wind tower route guide	25.4 mm	2945 kg/km
Wind turbine tower drop power cable 3 core 70 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	3 core	70 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation bending guide	-40 °C to +90 °C wind tower route guide	28.1 mm	4085 kg/km
Wind turbine tower drop power cable 3 core 95 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	3 core	95 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation	-40 °C to +90 °C wind tower route guide	31.0 mm	5510 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
									bending guide			
Wind turbine tower drop power cable 3 core 120 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	3 core	120 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation bending guide	-40 °C to +90 °C wind tower route guide	33.5 mm	6935 kg/km
Wind turbine tower drop power cable 4 core 10 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	4 core	10 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation bending guide	-40 °C to +90 °C wind tower route guide	17.6 mm	855 kg/km
Wind turbine tower drop power cable 4 core 16 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	4 core	16 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation bending guide	-40 °C to +90 °C wind tower route guide	19.4 mm	1311 kg/km
Wind turbine tower drop power cable 4 core 25 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	4 core	25 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation bending guide	-40 °C to +90 °C wind tower route guide	21.5 mm	1995 kg/km
Wind turbine tower drop power cable 4 core 35 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	4 core	35 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation bending guide	-40 °C to +90 °C wind tower route guide	23.4 mm	2755 kg/km
Wind turbine tower drop power cable 4 core 50 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	4 core	50 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation bending guide	-40 °C to +90 °C wind tower route guide	25.8 mm	3895 kg/km
Wind turbine tower drop power cable 4 core 70 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	4 core	70 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation bending guide	-40 °C to +90 °C wind tower route guide	28.6 mm	5415 kg/km
Wind turbine tower drop power cable 4 core 95 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	4 core	95 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation bending guide	-40 °C to +90 °C wind tower route guide	31.5 mm	7315 kg/km
Wind turbine tower drop power cable 4 core 120 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	4 core	120 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation bending guide	-40 °C to +90 °C wind tower route guide	34.0 mm	9215 kg/km
Wind turbine tower drop power cable 5 core 10 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	5 core	10 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation bending guide	-40 °C to +90 °C wind tower route guide	18.0 mm	1045 kg/km
Wind turbine tower drop power cable 5 core 16 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	5 core	16 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation	-40 °C to +90 °C wind tower route guide	19.8 mm	1615 kg/km

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									bending guide			
Wind turbine tower drop power cable 5 core 25 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	5 core	25 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation bending guide	-40 °C to +90 °C wind tower route guide	21.9 mm	2470 kg/km
Wind turbine tower drop power cable 5 core 35 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	5 core	35 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation bending guide	-40 °C to +90 °C wind tower route guide	23.8 mm	3420 kg/km
Wind turbine tower drop power cable 5 core 50 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	5 core	50 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation bending guide	-40 °C to +90 °C wind tower route guide	26.3 mm	4845 kg/km
Wind turbine tower drop power cable 5 core 70 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	5 core	70 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation bending guide	-40 °C to +90 °C wind tower route guide	29.0 mm	6745 kg/km
Wind turbine tower drop power cable 5 core 95 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	5 core	95 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation bending guide	-40 °C to +90 °C wind tower route guide	31.9 mm	9120 kg/km
Wind turbine tower drop power cable 5 core 120 mm ²	Fixed and guided tower drop installation	Tower power distribution and auxiliary feeder	0.6/1 kV	5 core	120 mm ²	Class 2 or Class 5 copper power conductor	Mechanical drop support by clamp system	UV, oil and flame retardant LSZH / PE jacket	Fixed tower drop, vibration and installation bending guide	-40 °C to +90 °C wind tower route guide	34.4 mm	11495 kg/km