

TECHNICAL SPECIFICATIONS DC EXTENSION CABLE 6mm²

DC Solar Extension Cable	Feature/Specification	Value
	Ref. No	CB0005, CB0006, CB0007, CB0008
	Type of Cable	DC Solar PV cable
	Standard	TÜV/EN50618:2014
Conductor	Cross Section	6mm ²
	Construction	Tinned copper wire (84x0.285±0.015mm)
	DIA	3.06mm
	Material	Tinned copper wire
Insulation	Material	125°C Electron-beam Irradiated XLPO
	Rated Voltage (V)	DC1.5KV
	Test voltage	AC6.5KV
	Thickness (Avg)	0.8mm
	Thickness (Min)	0.53mm
	Od.	5±0.1mm
	Color	Black
	Working Temperature	-40°C to +90°C
	Short Circuit Temperature	250°C for 5 seconds
Jacket	Material	125°C Electron-beam Irradiated XLPO
	Thickness (Avg)	0.8mm
	Thickness (Min)	0.58mm
	Od.	6.3±0.2mm
	Color	Black/ Red/Grey/Brown
Marking		TÜV SÜD EN50618:2014 H1Z2Z2-K DC 1.5KV 1X6mm ²
Test Methods for Physical Properties	Elongation and Tensile Strength (Before Aging)	EN 60811-1-1, EN 60811-1-2
	UV Resistance	EN 50289-4-17
	Fire Performance	IEC60332-1-2
	Shrinkage Resistance ≤2%	EN 60811-503
	Bending Radius	≥4xφ (D<8mm) ≥6xφ (D≥8mm)