

TECHNICAL SPECIFICATIONS DC EXTENSION CABLE 4mm²

DC Solar Extension Cable	Feature/Specification	Value
	Ref. No	CB0001, CB0002, CB0003, CB0004
	Type of Cable	DC Solar PV cable
	Standard	TÜV/EN50618:2014
Conductor	Cross Section	4mm ²
	Construction	Tinned copper wire (56x0.285±0.015mm)
	DIA	2.46mm
	Material	Tinned copper wire
Insulation	Material	125°C Electron-beam Irradiated XLPO
	Rated Voltage (V)	DC1.5KV
	Test voltage	AC6.5KV, 50Hz for 5 minutes
	Thickness (Avg)	0.75mm
	Thickness (Min)	0.55mm
	Od.	4.1±0.1mm
	Color	Black
Jacket	Material	125°C Electron-beam Irradiated XLPO
	Thickness (Avg)	0.8mm
	Thickness (Min)	0.58mm
	Od.	5.8±0.2mm
	Color	Black/ Red/Grey/Brown
Marking		TÜV SÜD EN50618:2014 H1Z2Z2-K DC 1.5KV 1X4mm 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)