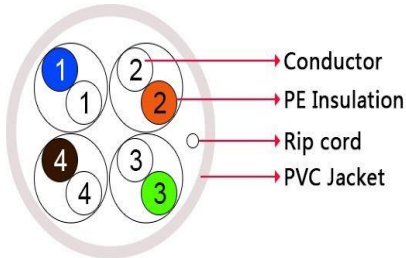


Product Specification

Composition (Graphic)

Item No.: DC1-5E-100W24CCA

Graphic of the cable composition



Construction

Jacket	PVC-WHITE
Conductor	CCA (Copper Clad Aluminum)
Cond.size	4*2*0.5mm
Insulator	HDPE
Pair construction	Unshielded Twisted

Cable dimensions (AWG - mm)

Length	100M(±5M)
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Electric Specifications

DC Resistance	≤24.5Ω/100M
DC Resistance Unbalance	MAX 2.5%
Mutual Capacitance	MAX 5.6NF /100M
Capacitance Unbalance	Max 330NF/100M
Characteristic Impedance	100±15Ω
Voltage rating (Vrms)	30V
Dielectric Strength	5000mΩ/km
Velocity of Propagation	0.62C
Propagation Delay	536ns
Propagation Delay Skew	45ns

Ambiental Specifications

Installation Temperature	-20°C~50°C
Operating Temperature	-20°C~50°C

Mechanical Specifications

Bending Radius (min)	≥ 8xOD(without load)
Pulling Tension (max)	≥12.5MP

General Specifications	
Pair Construction	
Pair Color Codes	Blue
	Orange
	Green
	Brown
Compliance (International Standards)	
	EIA/TIA 568 & ISO/IEC 11801