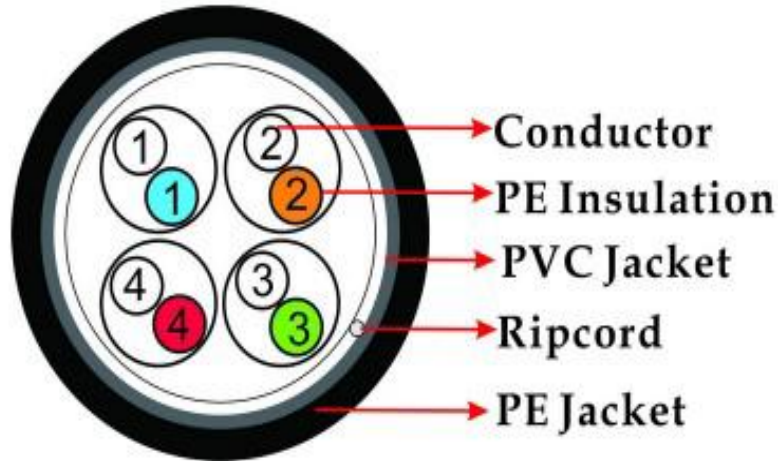


Product Specification

Composition (Graphic)

Item No.:DC1-5E-305B24BC-OUT

Graphic of the cable composition



Construction

Jacket 1	LDPE Jacket - Black
Jacket 2	PVC Jacket - Grey
Conductor	BC (Bare Copper)
Cond.size	4*2*0.5mm
Insulator	HDPE
Pair construction	Unshielded Twisted

Cable dimensions (AWG - mm)

Length	305M(±5M)
Weight	10.1KG
Diameter over jacket	6.3mm
Jacket Thickness	0.65mm

Electric Specifications

DC Resistance	≤10Ω/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
Printing	
	Customerized
Test and results	
Inflamability test	CMX
Transmission Parameters	