

DATA CONNECTORS AND CABLES

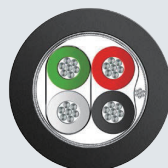
Cable Series



One pair twisted together, two wires



Two pairs of parallel wires, one pair twisted together, and two wires



Technical parameters

	black TPU 1x2x28AWG/7+2x28AWG/7 USB	black TPU 2x2x28AWG/7+1x2x28AWG/7+2x24AWG/7 USB
Transmission characteristics (category)		
Sheath		
Outer sheath, material	Thermoplastic polyurethane (TPU)	Thermoplastic polyurethane (TPU)
Outer sheath, color	black	black
Cable diameter D	4.2 mm ± 0.2 mm (0.165 ± 0.008 in)	5.7 mm ± 0.2 mm (0.224 ± 0.008 in)
Application		
Cable structure	1x2x28AWG/7+2x28AWG/7	2x2x28AWG/7+1x2x28AWG/7+2x24AWG/7
Installation type	Flexible installation	Flexible installation
AWG, signal line	28	28/24
Advantage	In highly flexible and harsh environments	In highly flexible and harsh environments
Cable length	100M	100M
Conductor		
Wire structure	7x 0.13 mm	7x 0.13 mm
Diameter of bare copper wire	0.4 mm (0.016 in)	0.4 mm (0.016 in)
Wire material	Copper stranded wire	Copper stranded wire
Wire insulation material	PE insulating layer	PVC insulating layer
Core diameter (including insulation layer)	0.8mm (0.033 in)	0.84mm (0.031 in)
Core wire		
Digit number	4	8
Main twisted pair	1 pair of twisted wires, 2 wires, twisted tin-plated copper jumper wires	Two pairs of parallel wires, one pair twisted together, two wires, fillers, and aluminum foil covering
Wire color		
Inner sheath material		
Shielding layer		
Block	Tin-plated copper wire braided shielding layer	Tin-plated copper wire braided shielding layer
Thickness	0.13mm (0.005 in)	0.13mm (0.005 in)
Characteristics		
Flame retardant		
Oil resistance		
Cold-resistant bending		
UV-resistant		
Halogen-free		The halogen-free property is in compliance IEC 60754

Order data

	Model	Order Number	Model	Order Number
100m	US-8BU-PTOE/L0100	1345390100	US-8BU-PUOE/L0100	1345400100
Customizable	US-8BU-PTOE/L0000	1345390000	US-8BU-PUOE/L0000	1345400000





Two shielded pairs twisted together, two wires



Technical parameters

Transmission characteristics (category)	black TPU 2x2x30AWG/7+2x26AWG/7 USB	
Sheath	Thermoplastic polyurethane (TPU)	
Outer sheath, material	black	
Outer sheath, color	5.2 mm ±0.2 mm(0.205±0.008 in)	
Cable diameter D		
Application	2x2x30AWG/7+2x26AWG/7	
Cable structure	Flexible installation	
Installation type	30/26	
AWG, signal line	In highly flexible and harsh environments	
Advantage	100M	
Cable length		
Conductor		
Wire structure	7x 0.1 mm	7x 0.16 mm
Diameter of bare copper wire	0.3 mm(0.012 in)	0.48 mm(0.019 in)
Wire material	Copper stranded wire	Copper stranded wire
Wire insulation material	PE insulating layer	PVC insulating layer
Core diameter (including insulation layer)	0.8mm(0.031 in)	0.78mm(0.031 in)
Core wire		
Digit number	4	
Main twisted pair	Two shielding pairs twisted together, two wires, and covered with aluminum foil	
Wire color		
Inner sheath material		
Shielding layer		
Block	Tin-plated copper wire braided shielding layer	
Thickness	0.1mm(0.004 in)	
Characteristics		
Flame retardant	In line with UL 758 Sec.15(60°C)	
Oil resistance		
Cold-resistant bending		
UV-resistant		
Halogen-free		

Order data

	Model	Order Number
100m	US-8BU-PBOE/L0100	1345410100
Customizable	US-8BU-PBOE/L0000	1345410000

