

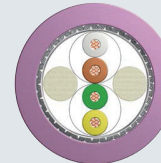
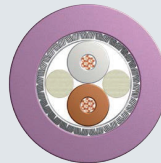
DATA CONNECTORS AND CABLES

Cable Series



Two wires twisted together to form a pair

Two wires twisted together in pairs
two pairs twisted together



Technical parameters

	purple PVC 2x24AWG/7, 2x22AWG/7, 2x20AWG/67	purple PVC 2x2x24AWG/7, 2x2x22AWG/7, 2x2x21AWG/7
Transmission characteristics (category)	CAN	CAN
Sheath		
Outer sheath, material	Polyvinyl chloride (PVC)	Polyvinyl chloride (PVC)
Outer sheath, color	purple	purple
Cable diameter D	5.8mm ±0.3 mm/6.8mm ±0.3 mm/7.5mm ±0.3 mm	7.5mm ±0.3 mm/8.5mm ±0.3 mm/9.6mm ±0.3 mm
Application		
Cable structure	2x24AWG/7, 2x22AWG/7, 2x20AWG/67	2x2x24AWG/7, 2x2x22AWG/7, 2x2x21AWG/7
Installation type	Fixed installation and flexible installation	Fixed installation and flexible installation
AWG, signal line	24/22/20	24/22/21
Advantage		
Cable length	100M	100M
Conductor		
Wire structure	7x 0.2 mm/7x 0.25mm/7x 0.3 mm	7x 0.2 mm/7x 0.25mm/7x 0.3 mm
Diameter of bare copper wire	0.6mm(0.024 in)/0.75mm(0.030 in)/0.9mm(0.035 in)	0.6mm(0.024 in)/0.75mm(0.030 in)/0.9mm(0.035 in)
Wire material	Copper stranded wire	Copper stranded wire
Wire insulation material	Foamed PE with outer insulation	Foamed PE with outer insulation
Core diameter (including insulation layer)	1.55mm(0.061 in)/2.0mm(0.079 in)/2.4mm(0.095 in)	1.3mm(0.051 in)/1.7mm(0.067 in)/2.0mm(0.079 in)
Core wire		
Digit number	2	4
Main twisted pair		
Wire color		
Inner sheath material	Two wires twisted together to form a pair	Two wires twisted together in pairs two pairs twisted together
Shielding layer		
Block	Conductive plastic tape with tin-plated copper wire braided shielding layer	Tin-plated copper wire braided shielding layer
Thickness	0.10mm(0.004 in)/0.13mm(0.005 in)/0.13mm(0.005 in)	0.13mm(0.005 in)/0.13mm(0.005 in)/0.15mm(0.016 in)
Characteristics		
Flame retardant	In line with IEC 60332-1-2	In line with IEC 60332-1-2
Oil resistance		
Cold-resistant bending		
UV-resistant		
Halogen-free		

Order data

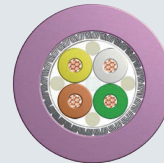
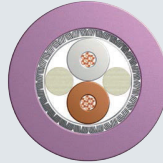
	Model	Order Number	Model	Order Number
100m	CO-8BR-PCOE/L0100	1343250100	CO-8BR-PSOE/L0100	1343260100
Customizable	CO-8BR-PCOE/L0000	1343250000	CO-8BR-PSOE/L0000	1343260000





Two wires twisted together to form a pair

Four wires are twisted together to form a four-core wire set



Technical parameters

	purple TPU 2x24AWG/19、2x22AWG/44、2x21AWG/66	purple TPU 4x24AWG/19
Transmission characteristics (category)	CAN	CAN
Sheath		
Outer sheath, material	Thermoplastic polyurethane (TPU)	Thermoplastic polyurethane (TPU)
Outer sheath, color	purple	purple
Cable diameter D	6.5mm \pm 0.3 mm/6.9mm \pm 0.3 mm/7.7mm \pm 0.3 mm	6.4mm \pm 0.2 mm(0.252 \pm 0.008 in)
Application		
Cable structure	2x24AWG/19、2x22AWG/44、2x21AWG/66	4x24AWG/19
Installation type	Flexible installation	Flexible installation
AWG, signal line	24/22/21	24
Advantage	High flexibility, in harsh environments	High flexibility, in harsh environments
Cable length	100M	100M
Conductor		
Wire structure	19x 0.135 mm/44x 0.1mm/66x 0.1 mm	19x 0.125 mm(0.005 in)
Diameter of bare copper wire	0.7mm(0.028 in)/0.75mm(0.030 in)/0.95mm(0.037 in)	0.6mm(0.024 in)
Wire material	Copper stranded wire	Copper stranded wire
Wire insulation material	Foamed PE with outer insulation	Foamed PE with outer insulation
Core diameter (including insulation layer)	1.6mm(0.063 in)/2.0mm(0.079 in)/2.4mm(0.095 in)	1.4mm(0.055 in)
Core wire		
Digit number	2	4
Main twisted pair		
Wire color	Two wires twisted together to form a pair	Four wires are twisted together to form a four-core wire set
Inner sheath material		
Shielding layer		
Block	Tin-plated copper wire braided shielding layer	Tin-plated copper wire braided shielding layer
Thickness	0.15mm(0.016 in)/0.13mm(0.005 in)/0.13mm(0.005 in)	0.1mm(0.004 in)
Characteristics		
Flame retardant	In line with IEC 60332-1-2	
Oil resistance	In line with IEC 60811-2-1	
Cold-resistant bending		
UV-resistant		UV-resistant
Halogen-free		

Order data

	Model	Order Number	Model	Order Number
100m	CO-8BR-PTOE/L0100	1343270100	CO-8BR-PYOE/L0100	1343280100
Customizable	CO-8BR-PTOE/L0000	1343270000	CO-8BR-PYOE/L0000	1343280000



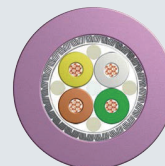
DATA CONNECTORS AND CABLES

Cable Series



Four wires are twisted together to form a four-core wire set

Four wires are twisted together to form a four-core wire set



Technical parameters

	purple TPU 4x22AWG/19 CAN	purple TPU 4x20AWG CAN
Transmission characteristics (category)		
Sheath		
Outer sheath, material	Thermoplastic polyurethane (TPU)	Thermoplastic polyurethane (TPU)
Outer sheath, color	purple	purple
Cable diameter D	7.4mm ±0.2 mm(0.291±0.008 in)	8.8mm ±0.4 mm(0.346±0.016 in)
Application		
Cable structure	4x22AWG/19	4x20AWG
Installation type	Flexible installation	Flexible installation
AWG, signal line	22	20
Advantage	High flexibility, in harsh environments	High flexibility, in harsh environments
Cable length	100M	100M
Conductor		
Wire structure	19x 0.16 mm(0.006 in)	66x 0.1 mm(0.004 in)
Diameter of bare copper wire	0.77mm(0.030 in)	0.95mm(0.037 in)
Wire material	Copper stranded wire	Copper stranded wire
Wire insulation material	Foamed PE with outer insulation	Foamed PE with outer insulation
Core diameter (including insulation layer)	1.8mm(0.071 in)	2.3mm(0.091 in)
Core wire		
Digit number	4	4
Main twisted pair	Four wires are twisted together to form a four-core wire set	Four wires are twisted together to form a four-core wire set
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)	0.15mm(0.006 in)
Characteristics		
Flame retardant		
Oil resistance		
Cold-resistant bending		
UV-resistant	UV-resistant	UV-resistant
Halogen-free		In line with IEC60754

Order data

	Model	Order Number	
100m Customizable	CO-8BR-PUOE/L0100	1343290100	CO-8BR-PAOE/L0100 1343300100
	CO-8BR-PUOE/L0000	1343290000	CO-8BR-PAOE/L0000 1343300000





Four wires are twisted together to form a four-core wire set



Technical parameters

Transmission characteristics (category)	purple TPU 4x19AWG/37 CAN
Sheath	
Outer sheath, material	Thermoplastic polyurethane (TPU)
Outer sheath, color	purple
Cable diameter D	9.5mm ±0.2 mm(0.374±0.008 in)
Application	
Cable structure	4x19AWG/37
Installation type	Flexible installation
AWG, signal line	20
Advantage	High flexibility, in harsh environments
Cable length	100M
Conductor	
Wire structure	37x 0.16 mm(0.006 in)
Diameter of bare copper wire	1.12mm(0.044 in)
Wire material	Copper stranded wire
Wire insulation material	Foamed PE with outer insulation
Core diameter (including insulation layer)	2.6mm(0.102 in)
Core wire	
Digit number	4
Main twisted pair	
Wire color	Four wires are twisted together to form a four-core wire set
Inner sheath material	
Shielding layer	
Block	Tin-plated copper wire braided shielding layer
Thickness	0.15mm(0.006 in)
Characteristics	
Flame retardant	
Oil resistance	
Cold-resistant bending	
UV-resistant	UV-resistant
Halogen-free	In line with IEC60754
Symbol	

Order data

	Model	Order Number
100m	CO-8BR-PBOE/L0100	1343310100
Customizable	CO-8BR-PBOE/L0000	1343310000

