

DATA CONNECTORS AND CABLES

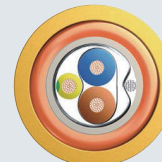
Cable Series



One shielding pair, one wire



One shielding pair, one wire



Technical parameters

	yellow PVC (2+1) x19AWG FOUNDATION™ Fieldbus	yellow PVC 2x19AWG FOUNDATION™ Fieldbus
Transmission characteristics (category)		
Sheath		
Outer sheath, material	Polyvinyl chloride (PVC)	Polyvinyl chloride (PVC)
Outer sheath, color	yellow	yellow
Cable diameter D	7.9 mm ±0.3 mm(0.311±0.012 in)	12.3 mm ±0.3 mm(0.484±0.012 in)
Application		
Cable structure	(2+1) x19AWG	2x19AWG
Installation type	Flexible installation	Fixed installation
AWG, signal line	19	19
Advantage	Indoor or outdoor	Indoor or outdoor, with high electromagnetic compatibility
Cable length	100m	100M
Conductor	2X (ST) shielding pair: 37x 0.17 mm	
Wire structure	41x 0.16 mm	41x 0.16 mm
Diameter of bare copper wire	1.17 mm(0.046 in)	1.17 mm(0.046 in)
Wire material	Bare copper bundle stranded wire	Bare copper bundle stranded wire
Wire insulation material	PVC insulating layer	PVC insulating layer
Core diameter (including insulation layer)	2.0mm(0.079 in)	2.0mm(0.079 in)
Core wire	2.85mm(0.112 in)	
Digit number	3 TWO	2two
Main twisted pair	One shielding pair, one wire	One shielding pair, one wire
Wire color		PVC
Inner sheath material		
Shielding layer	Aluminum foil coating, tin-plated copper wire braided shielding layer, twisted tin-plated copper wire for spoiling	Aluminum foil coating, copper strip longitudinally welded, with spiral corrugations, twisted tin-plated copper wire for spoiling
Block	0.15mm(0.006 in)	0.5mm ² (0.020 Square inches)
Thickness		
Characteristics		
Flame retardant	In line with UL 1685 (CSA FT 4)	In line with UL 1685 (CSA FT 4)
Oil resistance	In line with UL 13 Sec.40 (60°C)	In line with UL 13 Sec.40 (60°C)
Cold-resistant bending		
UV-resistant	In line with UL 2556 Sec. 4.2.8.5	In line with UL 2556 Sec. 4.2.8.5
Halogen-free		

Order data

	Model	Order Number	Model	Order Number
100m	FD-8BF-PCOE/L0100	1326110100	FD-8BF-PGOE/L0100	1326120100
Customizable	FD-8BF-PCOE/L0000	1326110000	FD-8BF-PGOE/L0000	1326120000





Two wires twisted together to form a pair



Technical parameters

Transmission characteristics (category)	yellow PVC 2x19AWG/37; 37x0.17mm FOUNDATION™ Fieldbus
Sheath	
Outer sheath, material	Polyvinyl chloride (PVC)
Outer sheath, color	yellow
Cable diameter D	7.9 mm ± 0.3 mm (0.311 $\pm$ 0.012 in)
Application	
Cable structure	2x19AWG/37
Installation type	Flexible installation
AWG, signal line	19
Advantage	Flexible installation
Cable length	100M
Conductor	
Wire structure	37x 0.17 mm (0.007 in)
Diameter of bare copper wire	1.17 mm (0.046 in)
Wire material	Bare copper bundle stranded wire
Wire insulation material	Cross-linked PE insulation layer
Core diameter (including insulation layer)	2.85mm (0.112 in)
Core wire	
Digit number	2TWO
Main twisted pair	Two wires twisted together to form a pair
Wire color	
Inner sheath material	
Shielding layer	Aluminum foil coating, tin-plated copper wire braided
Block	shielding layer, twisted tin-plated copper wire for spoiling
Thickness	0.5mm ² (0.020 Square inches)
Characteristics	
Flame retardant	In line with UL 1685 (CSA FT 4)
Oil resistance	In line with UL 13 Sec.40 (60°C)
Cold-resistant bending	
UV-resistant	In line with UL 2556 Sec. 4.2.8.5
Halogen-free	

Order data

	Model	Order Number
100m	FD-8BF-PROE/L0100	1326130100
Customizable	FD-8BF-PROE/L0000	1326130000

