

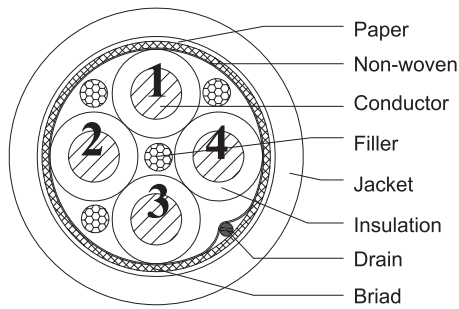
I/O Cable - PUR





	Color code	Color	Core
	BN		1
	BU		3
	BK		4

Type List	L1/E346	L200/E346	L300/E346	L500/E346
Specification	1m (optional cable length)	200m/reel	300m/reel	500m/reel

Technical parameters			
Structure	3×0.34mm ² +WDBP	Electrical characteristic	
Conductor		Rated voltage	300V
Material	Bare copper stranded	Rated temperature	-40 ~ 80 °C
Size	65/0.08±0.008mm	Max. DC conductor resistance(at 20 °C)	55.4Ω/km
O.D. (Ref)	0.74mm	Voltage withstand test	1.5kV/1min
Insulation		Min.bending radius	Flexing 15×OD
Material	PP		Fixed 7.5×OD
Min.average thickness	0.23mm	Oil Resistant Condition(IRM 902)	100 °C ×24hrs
Min.thickness at any point	0.18mm	Tensile strength	≥60% of original
O.D.	1.15±0.10mm	Elongation(%)	≥60% of original
Cabling		Physical properties	
Filler	Cotton	Tensile strength	≥10.3MPa
Drain	Non-woven	Elongation	≥100%
Material	Tinned copper stranded 43/0.10±0.008mm	Aged condition	113±1 °C ×168h
Braid		Percent of original tensile strength	≥70%
Material	Tinned copper	Percent of original elongation	≥65%
Size	0.10mm(Min. ≥80%)	Flame test	FT1, IEC 60332-1
Jacket		Chain test	20times/minute, distance: 1.0m,
Material	Paper	Bending radius	100mm ≥5 million times
Material	PUR		Halogen free
Min.average thickness	0.76mm	Color code	
Min.thickness at any point	0.61mm	Insulation	1.brown 2.blue 3.black
O.D.	5.20±0.20mm	Jacket	Gray

I/O Cable - PUR



Color code	Color	Core
BN		1
WH		2
BU		3
BK		4

Type List	L1/E347	L200/E347	L300/E347	L500/E347
Specification	1m (optional cable length)	200m/reel	300m/reel	500m/reel

Technical parameters

Structure	4×0.34mm ² +WDBP	Electrical characteristic	
Conductor		Rated voltage	300V
Material	Bare copper stranded	Rated temperature	-40 ~ 80 °C
Size	65/0.08±0.008mm	Max. DC conductor resistance(at 20 °C)	55.4Ω/km
O.D. (Ref)	0.74mm	Voltage withstand test	1.5kV/1min
Insulation		Min.bending radius	Flexing 15×OD
Material	PP		Fixed 7.5×OD
Min.average thickness	0.23mm	Oil Resistant Condition(IRM 902)	100 °C ×24hrs
Min.thickness at any point	0.18mm	Tensile strength	≥60% of original
O.D.	1.15±0.10mm	Elongation(%)	≥60% of original
Cabling		Physical properties	
Filler	Cotton	Tensile strength	≥10.3MPa
Material	Non-woven	Elongation	≥100%
Drain	Tinned copper stranded 43/0.10±0.008mm	Aged condition	113±1 °C ×168h
Braid		Percent of original tensile strength	≥70%
Material	Tinned copper	Percent of original elongation	≥65%
Size	0.10mm(Min. ≥80%)	Flame test	FT1, IEC 60332-1
Jacket		Chain test	20times/minute, distance: 1.0m,
Material	Paper	Bending radius	100mm ≥5 million times
Material	PUR		Halogen free
Min.average thickness	0.76mm	Color code	
Min.thickness at any point	0.61mm	Insulation	1.brown 2.blue 3.white 4.black
O.D.	5.60±0.20mm	Jacket	Gray

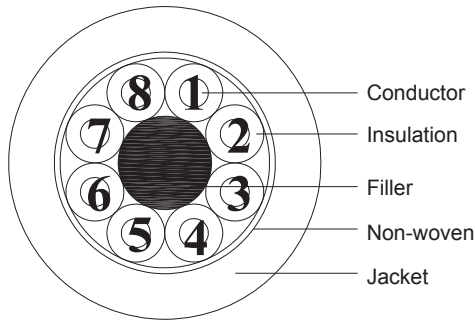
I/O Cable - PUR








	Color code	Color	Core
	BN		1
	WH		2
	BU		3
	BK		4
	GY		5

Type List	L1/E348	L200/E348	L300/E348	L500/E348
Specification	1m (optional cable length)	200m/reel	300m/reel	500m/reel

Technical parameters			
Structure	5C×0.34mm ² (65/0.08B)+W	Electrical characteristic	
Conductor		Rated voltage	300V
Material	Bare copper stranded	Rated temperature	-40 ~ 80 °C
Size	65/0.08±0.008mm	Max. DC conductor resistance(at 20 °C)	55.4Ω/km
O.D. (Ref)	0.74mm	Voltage withstand test	AC 2.0kV/1min
Insulation		Min.bending radius	Flexing 10×OD
Material	PP		Flxed 5×OD
Min.average thickness	0.23mm	Oil Resistant Condition(IRM 902)	100 °C ×24hrs
Min.thickness at any point	0.18mm	Tensile strength	≥60% of original
O.D.	1.15±0.10mm	Elongation(%)	≥60% of original
Cabling		Physical properties	
Filler	Cotton	Tensile strength	≥10.3MPa
Material	Non-woven	Elongation	≥100%
Braid		Aged condition	113±1 °C ×168h
Material	Tinned copper	Percent of original tensile strength	≥70%
Size	0.10mm(80% min.)	Percent of original elongation	≥65%
Jacket		Flame test	FT1, IEC 60332-1
Material	Paper	Chain test	20times/minute, distance: 1.0m,
Material	PUR	Bending radius	100mm ≥5 million times
Min.average thickness	0.76mm		Halogen free
Min.thickness at any point	0.61mm	Color code	
O.D.	6.00±0.20mm	Insulation	1.brown 2.blue 3.gray 4.white 5.black
		Jacket	Gray

I/O Cable - 8-core PUR Unshielded

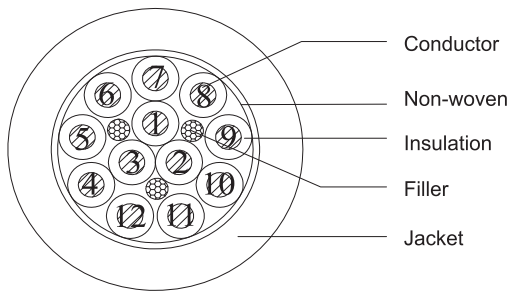


Color code	Color	Core
WH		1
BN		2
GN		3
YE		4
GY		5
PK		6
BU		7
RD		8

Type List	L1/E390	L200/E390	L300/E390	L500/E390
Specification	1m (optional cable length)	200m/reel	300m/reel	500m/reel

Technical parameters			
Structure	8Cx0.25mm2(32/0.10B)+W	Electrical characteristic	
Conductor	8-core	Rated voltage	300V
Material	Bared Copper Stranded	Rated temperature	-40 ~ 80 C
Size	32/0.10±0.008mm	Max. DC conductor resistance(at 20 C)	87.6Ω/km
O.D. (Ref)	0.65mm	Voltage withstand test	AC 2.0kV/1min
Insulation		Min.bending radius	Flexing 10×OD
Material	PP		Fixed 5×OD
Min.average thickness	0.23mm	Oil Resistant Condition(IRM 902)	100 C ×24hrs
Min.thickness at any point	0.18mm	Tensile strength	≥60% of original
O.D.	1.15±0.10mm	Elongation(%)	≥60% of original
Cabling		Physical properties	
Filler	Optional	Tensile strength	≥10.3MPa
Material	Non-woven	Elongation	≥100%
Jacket		Aged condition	113±1 C ×168h
Material	PUR	Percent of original tensile strength	≥70%
Min.average thickness	0.76mm	Percent of original elongation	≥65%
Min.thickness at any point	0.61mm	Flame test	FT1, IEC 60332-1
O.D.	6.00±0.25mm	Chain test	20times/minute, distance: 1.0m,
		Bending radius	100mm ≥5 million times
			Halogen free
		Color code	
		Insulation	1.white 2.brown 3.green 4.yellow
			5.gray 6.pink 7.blue 8.red
		Jacket	Gray

I/O Cable - PUR



Color code	Color	Core	Color code	Color	Core
BN		1	RD		9
BU		2	VI		10
WH		3	GY/PK		11
GN		4	RD/BU		12
PK		5			
YE		6			
BK		7			
GY		8			

Type List	L1/E363	L200/E363	L300/E363	L500/E363
Specification	1m (optional cable length)	200m/reel	300m/reel	500m/reel

Technical parameters			
Structure	12C×0.25mm ² (44/0.08B)+W	Electrical characteristic	
Conductor		Rated voltage	300V
Material	Bare copper stranded	Rated temperature	-40~80℃
Size	44/0.08±0.008mm	Max. DC conductor resistance(at 20℃)	87.6Ω/km
O.D. (Ref)	0.61mm	Voltage withstand test	AC 2.0kV/1min
Insulation		Min.bending radius	Flexing 10×OD
Material	PP		Fixed 5×OD
Min.average thickness	0.23mm	Oil Resistant Condition(IRM 902)	100℃×24hrs
Min.thickness at any point	0.18mm	Tensile strength	≥60% of original
O.D.	1.15±0.10mm	Elongation(%)	≥60% of original
Cabling		Physical properties	
Filler	Cotton	Tensile strength	≥10.3MPa
Material	Non-woven	Elongation	≥100%
Jacket		Aged condition	113±1℃×168h
Material	PUR	Percent of original tensile strength	≥70%
Min.average thickness	0.76mm	Percent of original elongation	≥65%
Min.thickness at any point	0.61mm	Flame test	FT1, IEC 60332-1
O.D.	5.60±0.20mm	Chain test	20times/minute, distance: 1.0m,
		Bending radius	100mm ≥5 million times
			Halogen free
		Color code	
		Insulation	1.white 2.brown 3.green 4.yellow 5.gray 6.pink 7.blue8.red 9.black 10.purple 11.gray/pink 12.red/blue
		Jacket	Gray

Connectivity