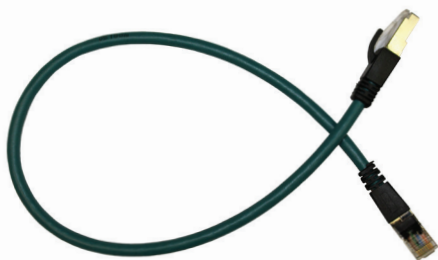


# LAPP Industrial Data Communication (IDC) Stock Program

## Flexible Industrial Ethernet Cordsets



These molded cordsets utilize high quality ETHERLINE® CAT.5e 4 pr flexible cable with overmolded RJ45 connectors. For motion applications, these cordsets are designed to provide interconnection between simple devices (sensors and actuators) and high level devices (PLCs and computers)

Connector 1	Connector 2	Cable Length	Part number
RJ45 Shielded	RJ45 Shielded	0.5m	523359-0.5
		1m	523359-1
		2m	523359-2
		2.5m	523359-2.5
		3m	523359-3
		4m	523359-4
		5m	523359-5
		10m	523359-10
		15m	523359-15

### Technical data

<b>Material:</b> - contact carrier: polycarbonate - molded head: PVC; black (color is typical, not standard) - contacts: gold-plated brass - shield: foil & tinned copper braid - cable jacket: polyurethane; teal - conductor insulation: polyethylene	<b>Rated voltage:</b> 42V 125V (not for power applications)
	<b>Rated current:</b> 1.5A
	<b>Cable:</b> 2170300
	<b>Conductor stranding:</b> stranded bare copper
	<b>Temperature range:</b> -20°C to +70°C
	<b>IP Protection class:</b> IP20 NEMA 1

## Industrial Ethernet Cables

Part number	Category	Pairs	AWG	Application Type	Outer diameter		Jacket	Description Detail
					in	mm		
2170888	CAT 5	2	22	Torsion	0.256	6.5	PUR	ETHERLINE® Torsion P CAT.5 2pr 22 AWG
2170289	CAT 5e	2	26	Cont. Flex	0.240	6.1	PUR	ETHERLINE® FD P CAT.5e 2pr 26 AWG
2170297	CAT 5e	4	24	Stationary	0.248	6.3	PUR	ETHERLINE® P CAT.5e 4pr 24 AWG
2170300	CAT 5e	4	24	Flexible	0.240	6.1	PUR	ETHERLINE® P Flex CAT.5e 4 pr 26 AWG
2170450	CAT 5e	4	22	Flexible	0.380	9.6	PVC	ETHERLINE® Tray CAT.5e Y 4 pr 22 AWG
2140489	CAT 5e	4	26	Cont. Flex	0.248	6.3	PUR	ETHERLINE® FD P CAT.5e 4 pr 26 AWG
2170488	CAT 6	4	26	Cont. Flex	0.307	7.8	PUR	ETHERLINE® FD P CAT.6 4pr 26 AWG
2170464	CAT 6A	4	22	Stationary	0.343	8.7	PVC	ETHERLINE® CAT.6A Y 4pr 22 AWG
2170484	CAT 6A	4	24	Cont. Flex	0.355	9.0	PUR	ETHERLINE® FD P CAT.6A 4pr 24 AWG
2170474	CAT 7	4	22	Stationary	0.343	8.7	PVC	ETHERLINE® CAT.7 4pr 22 AWG

## Industrial Ethernet Connectors

Part number	Category	Conductors	Conductor size		Cable outer diameter		Color Code	Description Detail
			stranded	solid	in	mm		
<b>RJ45</b>								
21700605	CAT 5e	4	27 - 22 AWG (7 wire)	24 - 22 AWG	0.917 - 0.354	5.0 - 9.0	PROFINET®	RJ45 - CAT.5e, field wireable, PROFINET®
21700600	CAT 6A	8	27 - 22 AWG (7 wire)	24 - 22 AWG			T568A	RJ45 - CAT.6A, field wireable, T568A
21700601	CAT 6A	8	27 - 22 AWG (7 wire)	24 - 22 AWG			T568B	RJ45 - CAT.6A, field wireable, T568B
21700615	CAT 6A	8	27 - 24 AWG (19 wire)	26 - 24 AWG			T568A	RJ45 - CAT.6A, field wireable, T568A
21700616	CAT 6A	8	27 - 24 AWG (19 wire)	26 - 24 AWG			T568B	RJ45 - CAT.6A, field wireable, T568B
<b>RJ45 90 degree</b>								
21700639	CAT 6A	T568A	26 AWG (19 wire)	26-24 AWG	0.217 - 0.394	5.5 - 10.0	T568A	RJ45 - CAT.6A, field wireable, 90 degree, T568A
21700640	CAT 6A	T568B	26 AWG (19 wire)	26-24 AWG			T568B	RJ45 - CAT.6A, field wireable, 90 degree, T568B
<b>M12</b>								
21700648	CAT 5	D-Coded	26 - 22 AWG (7 wire)	24 - 22 AWG	0.197 - 0.240	5.0 - 6.1	D-Coded	M12-CAT.5, field wireable, D-Coded, Male, 4pos, TIA 568
C5E203C	CAT 5e	D-Coded			0.236 - 0.315	6.0 - 8.0	D-Coded	M12-CAT.5e, field wireable, D-Coded, Male, 4pos, PROFINET®
21700602	CAT 6A	X-Coded	27 - 22 AWG (7 wire)	24 - 22 AWG	0.197 - 0.382	5.0 - 9.7	X-Coded	M12-CAT.6A, field wireable, X-Coded, Male, 8pos

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If not otherwise specified, all values relating to the product are nominal values.

Photographs are not to scale and are not true representations of the products in question.

