





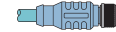




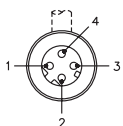
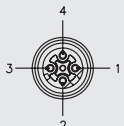
Ethernet, (M12x1) *eurofast*® Cables and Extensions - Cable Type 440 & 442 D-coded

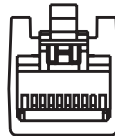
		eurofast					
		Pin (Male)	Socket (Female)	Pin (Male)	Socket (Female)	RJ45 Plug	
		8  RSCD	9  RKCD	12  FSFDD	13  FKFDD	14  RJ45	
 Bare		RSCD 44x-*M	RKCD 44x-*M	FSFDD 44x-*M	FKFDD 44x-*M	RJ45 44x-*M	
eurofast	Pin (Male)	8  RSCD	RSCD RSCD 44x-*M	RSCD RKCD 44x-*M	RSCD FSFDD 44x-*M	RSCD FKFDD 44x-*M	RSCD RJ45 44x-*M
	Socket (Female)	9  RKCD		RKCD RKCD 44x-*M	RKCD FSFDD 44x-*M	RKCD FKFDD 44x-*M	RKCD RJ45 44x-*M
	RJ45 Plug	14  RJ45			RJ45 FSFDD 44x-*M	RJ45 FKFDD 44x-*M	RJ45 RJ45 44x-*M

See pages J22 - J23 for dimensional drawings.

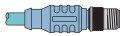
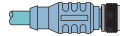
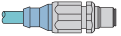
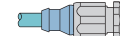
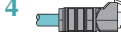

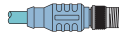


- \* Indicates length in meters.
  - x Indicates cable type.
- Refer to the Cordset Builder at [www.turck.com](http://www.turck.com) for assistance with cordset/cable combinations.  
Standard cable lengths are 1, 2, 4, 5, 6, 8, 10, 15, and in +5 meter increments from there. Consult factory for other lengths.  
For stainless steel coupling nuts change part number RSCD ... RSCDV, FSFDED ... FSFDEDV.

Ethernet Media

<i>eurofast</i>	Pinouts	<i>eurofast</i>
<b>Male</b> 	1. White/Orange (+ tx) 2. White/Green (+rx) 3. Orange (-tx) 4. Green (-rx)	<b>Female</b> 

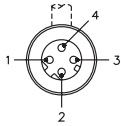
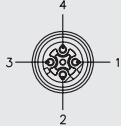
RJ45 Pinout	RJ45 Plug	RJ45 (CR) Pinout
1. White/Orange 2. Orange 3. White/Green 4. N/C 5. N/C 6. Green 7. N/C 8. N/C	<b>Male</b>  12345678	1. White/Green 2. Green 3. White/Orange 4. N/C 5. N/C 6. Orange 7. N/C 8. N/C

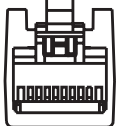
Ethernet, (M12x1) eurofast® Cables and Extensions - Cable Type 441 & 443 D-coded

		eurofast					
		Pin (Male)	Socket (Female)	Pin (Male)	Socket (Female)	RJ45 Plug	
		8  RSSD	9  RKSD	10  FSSDED	11  FKSDED	14  RJ45S	
eurofast		 Bare	RSSD 44x-*M	RKSD 44x-*M	FSSDED 44x-*M	FKSDED 44x-*M	RJ45S 44x-*M
	Pin (Male)	8  RSSD	RSSD RSSD 44x-*M	RSSD RKSD 44x-*M	RSSD FSSDED 44x-*M	RSSD FKSDED 44x-*M	RSSD RJ45S 44x-*M
	Socket (Female)	9  RKSD		RKSD RKSD 44x-*M	RKSD FSSDED 44x-*M	RKSD FKSDED 44x-*M	RKSD RJ45S 44x-*M
	RJ45 Plug	14  RJ45S			RJ45S FSSDED 44x-*M	RJ45S FKSDED 44x-*M	RJ45S RJ45S 44x-*M

See pages J22 - J23 for dimensional drawings.

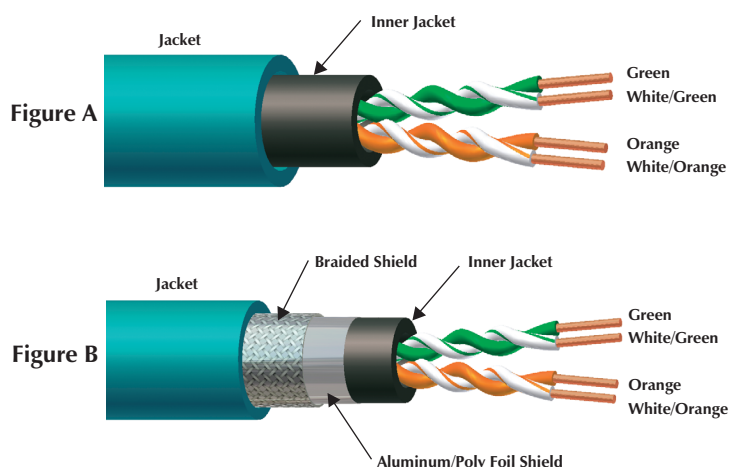
- \* Indicates length in meters.  
x Indicates cable type.  
Refer to the Cordset Builder at [www.turck.com](http://www.turck.com) for assistance with cordset/cable combinations.  
Standard cable lengths are 1, 2, 4, 5, 6, 8, 10, 15, and in +5 meter increments from there. Consult factory for other lengths.  
For stainless steel coupling nuts change part number RSSD ... RSSDV, FSSDED ... FSSDEDV.

eurofast	Pinouts	eurofast
Male 	1. White/Orange (+ tx) 2. White/Green (+rx) 3. Orange (-tx) 4. Green (-rx)	Female 

RJ45 Pinout	RJ45 Plug	RJ45 (CR) Pinout
1. White/Orange 2. Orange 3. White/Green 4. N/C 5. N/C 6. Green 7. N/C 8. N/C	Male  12345678	1. White/Green 2. Green 3. White/Orange 4. N/C 5. N/C 6. Orange 7. N/C 8. N/C

## Ethernet, Cable Specifications, 4-wire

- Cable that Meets the Requirements of TIA/EIA568-B.2 Category 5e Performance Requirements Cable for 10 and 100 Base-T Ethernet
- Compliant with Ethernet/IP Standards
- Cable is UL Rated for Sunlight and Oil Resistant



Maximum 100 meters of cable of which:

- 90 meters Horizontal Cable (SOLID - 442 or 443)
- 2 x 5 meters Patch Cables (STRANDED - 440 or 441)

Type	Approvals	Data Pair		Outer Jacket	Shields	Bulk Cable Part Number / Weight/300 M	Figure
		AWG Color Code	DCR (/1000 feet) Insulation	Material Color Nominal O.D.	Type		
<b>440</b> 75°C 300 Volts	NEC CMR CEC C(UL) CMR	4/24 AWG Stranded	28.6 Ohms PO	PVC Teal 6.9 mm (.270 in)	None	RB51210-*M 29 lbs.	<b>A</b>
<b>441</b> 75°C 300 Volts	NEC CMR CEC C(UL) CMR	4/24 AWG Stranded	28.6 Ohms PO	PVC Teal 7.2 mm (.285 in)	Foil/Braid	RB51211-*M 44 lbs.	<b>B</b>
<b>442</b> 75°C 100 Volts	NEC CMR CEC C(UL) CMR	4/24 AWG Solid	28.6 Ohms PO	PVC Teal 6.4 mm (.250 in)	None	RB51212-*M 27 lbs.	<b>A</b>
<b>443</b> 75°C 300 Volts	NEC CMR CEC C(UL) CMR	4/24 AWG Solid	28.6 Ohms PO	PVC Teal 7.1 mm (.280 in)	Foil/Braid	RB51213-*M 49 lbs.	<b>B</b>
<b>4410</b> 50°C 124 Volts	TSB-36 ISO/IEC 11801	4/26 AWG Stranded	37.3 Ohms PE	PUR Teal 6.1 mm (.240 in)	Foil/Braid	RB51306-*M 48 lbs. <i>flexlife</i> ®† Halogen Free	<b>A</b>

\* Indicates length in meters.

Standard cable lengths are 1, 2, 4, 5, 6, 8, 10, 15, and in +5 meter increments from there. Consult factory for other lengths.

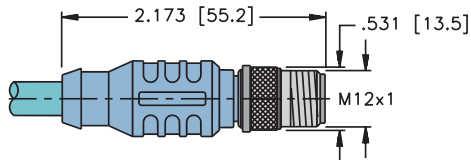
† 2.5 million flex motions at 12.5x cable diameter bend radius.

**Ethernet, *euofast*® Cordset Connector Dimensions / Configuration**

**Specifications**

<b>Housing:</b>	TPU (Polyurethane)
<b>Coupling Nut:</b>	Nickel Plated CuZn or Stainless Steel
<b>Contact Carrier:</b>	TPU (Polyurethane) or POM (Nylon)
<b>Contacts:</b>	Gold Plated CuZn
<b>Protection:</b>	NEMA 1, 3, 4, 6P and IEC IP 68
<b>Rated Voltage:</b>	250 V
<b>Rated Current:</b>	4 A
<b>Ambient Temperature:</b>	0° to +75°C (-22° to +167°F)

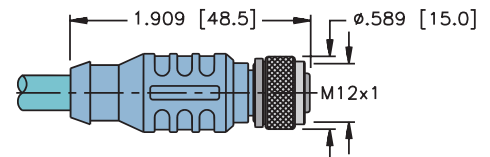
**8**



**RSCD/RSSD ..**

**Pages J20 - J21**

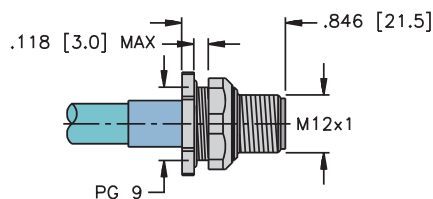
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**RKCD/RKSD ..**

**Pages J20 - J21**

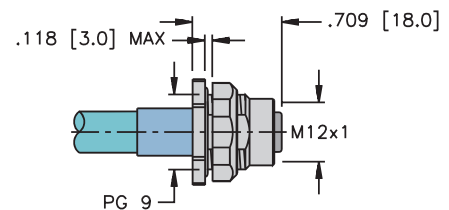
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**FSFDD ..**

**Pages J20 - J21**

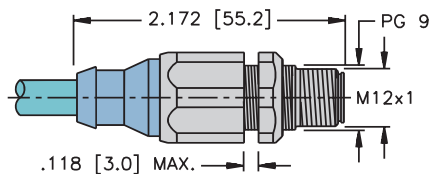
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**FKFDD ..**

**Pages J20 - J21**

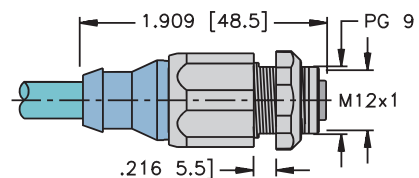
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**FSSDED ..**

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**13**



**FKSDDED ..**

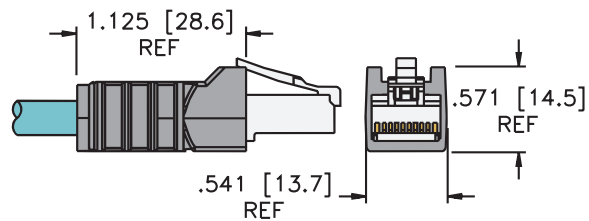
**Pages J20 - J21**

Ethernet, RJ45 Connector Dimensions / Configuration

Specifications

<b>Housing:</b>	Polyolefin
<b>Protection:</b>	NEMA 1, 3, 4, 6P and IEC IP 20
<b>Rated Voltage:</b>	42 V
<b>Rated Current:</b>	1.5 A
<b>Ambient Temperature:</b>	-25° to +80°C (-22° to +176°F)

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RJ45/RJ45S ..

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