

Ethernet, Cable Specifications, 8-wire

- Cable that meets the requirements of TIA/EIA568-C.2 Category 5e Cable for 10 and 100 Base-T Ethernet
- Cable is UL Rated for Sunlight and Oil Resistant



We reserve the right to make technical alterations without prior notice.

Type	Approvals	Data Pair		Outer Jacket Material Color Nominal O.D.	Shields Type	Bulk Cable Part Number / Weight/300 M	Flexlife Ratings
		AWG Color Code	DCR (/1000 feet) Insulation				
840 80 °C, 600 V	c(UL)us Type CM AWM	4UTPx24 AWG Stranded	26.5 Ohms PE	TPE Teal 6.3 mm (.118 in)	-	RB51460-*M 29 lbs. Flexlife®	10xO.D. 1 million cycles 20xO.D. 10 million cycles
841 80 °C, 600 V	c(UL)us Type CM AWM	4UTPx24 AWG Stranded	26.5 Ohms PE	TPE Teal 7.7 mm (.303 in)	Foil/Braid	RB50893-*M 43 lbs. Flexlife	10xO.D. 1 million cycles 20xO.D. 10 million cycles
842 75 °C, 300 V	c(UL)us Type CM AWM	4UTPx24 AWG Solid	31.5 Ohms PE	TPE Teal 6.1 mm (.240 in)	-	RB51462-*M 26 lbs.	-
843 80 °C, 600 V	c(UL)us Type CM AWM	4UTPx24 AWG Solid	28.6 Ohms PE	TPE Teal 7.3 mm (.287 in)	Foil/Braid	RB51463-*M 41 lbs.	-
849A AWM 444 75 °C, 300 V	NEC CM IAA CMG, FT4	4UTPx24 AWG Solid	27.5 Ohms PO	PVC Black 14.1 mm (.555 in)	Foil/Braid Armor	RB51100-*M 100 lbs. Armorfast®	-

* Indicates length in meters.

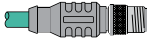
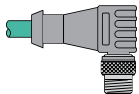

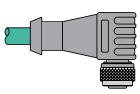
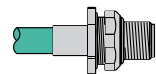

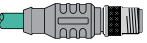
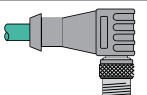

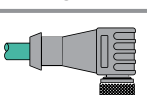

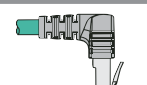
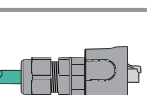

Standard spool lengths are 30, 75, 100, 150, 200, 225, 300 meters. Consult factory for other lengths.

†† 1 million cycles at 1.5" bend radius.

††† 2 million cycles at 2.5" bend radius.

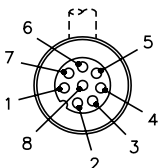
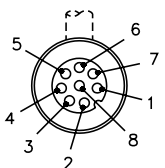
Ethernet Physical Media Connectivity

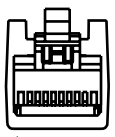
Ethernet, (M12x1) Eurofast®, RJ45, Cable/Cordset Selection Matrix - Unshielded

		Eurofast					
		Male		Female		Male	
		1 	2 	3 	4 	5 	
		RSC	WSC	RKC	WKC	FSFD	
		Bare	RSC 84x-*M	WSC 84x-*M	RKC 84x-*M	WKC 84x-*M	FSFD 84x-*M
Eurofast	Male	1 	RSC RSC 84x-*M	RSC WSC 84x-*M	RSC RKC 84x-*M	RSC WKC 84x-*M	RSC FSFD 84x-*M
		2 	WSC RSC 84x-*M	WSC WSC 84x-*M	WSC RKC 84x-*M	WSC WKC 84x-*M	WSC FSFD 84x-*M
	Female	3 			RKC RKC 84x-*M		RKC FSFD 84x-*M
		4 			RKC WKC 84x-*M	WKC WKC 84x-*M	WKC FSFD 84x-*M
RJ45	RJ45 Plug	9 					RJ45 FSFD 84x-*M
	WRJ45 Plug	10 					WRJ45E FSFD 84x-*M
	RJ45M IP67 Plug	11 					RJ45MIP67 FSFD 84x-*M
	RJ45 IP67 Plug	12 					RJ45IP67 FSFD 84x-*M

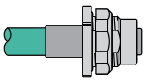

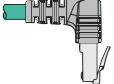


We reserve the right to make technical alterations without prior notice.

See pages K10 - K11 for dimensional drawings.

Eurofast	Pinouts	Eurofast
Male	1. White/Blue 2. White/Brown 3. Brown 4. Orange 5. White/Green 6. White/Orange 7. Blue 8. Green	Female
		

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

Ethernet, (M12x1) Eurofast®, RJ45, Cable/Cordset Selection Matrix - Unshielded

Eurofast	RJ45			
Female	RJ45 Plug	WRJ45 Plug	RJ45M IP67 Plug	RJ45 IP67 Plug
6  FKFD	9  RJ45	10  WRJ45E	11  RJ45MIP67	12  RJ45IP67
FKFD 84x-*M	RJ45 84x-*M	WRJ45E 84x-*M	RJ45MIP67 84x-*M	RJ45IP67 84x-*M
RSC FKFD 84x-*M	RSC RJ45 84x-*M	RSC WRJ45E 84x-*M	RSC RJ45MIP67 84x-*M	RSC RJ45IP67 84x-*M
WSC FKFD 84x-*M	WSC RJ45 84x-*M	WSC WRJ45E 84x-*M	WSC RJ45MIP67 84x-*M	WSC RJ45IP67 84x-*M
RKC FKFD 84x-*M	RKC RJ45 84x-*M	RKC WRJ45E 84x-*M	RKC RJ45MIP67 84x-*M	RKC RJ45IP67 84x-*M
WKC FKFD 84x-*M	WKC RJ45 84x-*M	WKC WRJ45E 84x-*M	WKC RJ45MIP67 84x-*M	WKC RJ45IP67 84x-*M
RJ45 FKFD 84x-*M	RJ45 RJ45 84x-*M		RJ45 RJ45MIP67 84x-*M	RJ45 RJ45IP67 84x-*M
WRJ45E FKFD 84x-*M	WRJ45E RJ45 84x-*M	WRJ45E WRJ45E 84x-*M	WRJ45 RJ45MIP67 84x-*M	WRJ45E RJ45IP67 84x-*M
RJ45MIP67 FKFD 84x-*M			RJ45MIP67 RJ45MIP67 84x-*M	RJ45MIP67 RJ45IP67 84x-*M
RJ45IP67 FKFD 84x-*M			RJ45IP67 RJ45MIP67 84x-*M	RJ45IP67 RJ45IP67 84x-*M

See pages K10 - K11 for dimensional drawings.

* Indicates length in meters.

x Indicates cable type.

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

For stainless steel coupling nuts change part number RSC ... to RSCV, FKFD ... to FKFDV.

For cross-over cable, add "CR" to part number RJ45 RJ45 CR 84x-*M.

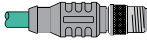
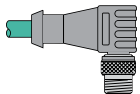
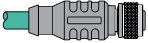
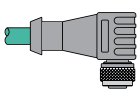

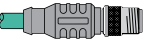
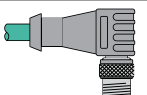
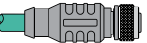
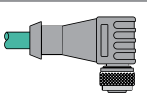

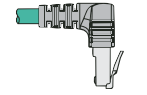
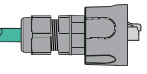
For right angle RJ45, select WRJ45I for internal tab or WRJ45E for external tab.

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Ethernet Media

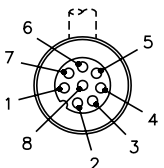
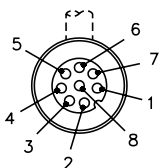
Ethernet Physical Media Connectivity

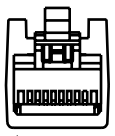
Ethernet, (M12x1) Eurofast®, RJ45, Cable/Cordset Selection Matrix - Shielded

		Eurofast				
		Male		Female		
		1 	2 	3 	4 	
		RSS	WSS	RKS	WKS	
		RSS 84x-*M	WSS 84x-*M	RKS 84x-*M	WKS 84x-*M	
Bare						
Eurofast	Male	1 	RSS RSS 84x-*M	RSS WSS 84x-*M	RSS RKS 84x-*M	RSS WKS 84x-*M
		2 	WSS RSS 84x-*M	WSS WSS 84x-*M	WSS RKS 84x-*M	WSS WKS 84x-*M
	Female	3 			RKS RKS 84x-*M	
		4 			WKS RKS 84x-*M	WKS WKS 84x-*M
RJ45	RJ45 Plug	9 				
	WRJ45 Plug	10 				
	RJ45M IP67 Plug	11 				
		RJ45S				
		WRJ45ES				
		RJ45SMIP67				

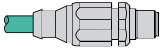
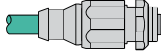

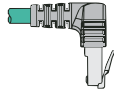

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See pages K10 - K11 for dimensional drawings.

Eurofast	Pinouts	Eurofast
Male	1. White/Blue 2. White/Brown 3. Brown 4. Orange 5. White/Green 6. White/Orange 7. Blue 8. Green	Female
		

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

Ethernet, (M12x1) Eurofast®, RJ45, Cable/Cordset Selection Matrix - Shielded

Eurofast		RJ45		
Male	Female	RJ45 Plug	WRJ45 Plug	RJ45M IP67 Plug
7  FSSDE	8  FKSDE	9  RJ45S	10  WRJ45ES	11  RJ45SMIP67
FSSDE 84x-*M	FKSDE 84x-*M	RJ45S 84x-*M	WRJ45ES 84x-*M	RJ45SMIP67 84x-*M
RSS FSSDE 84x-*M	RSS FKSDE 84x-*M	RSS RJ45S 84x-*M	RSS WRJ45ES 84x-*M	RSS RJ45SMIP67 84x-*M
WSS FSSDE 84x-*M	WSS FKSDE 84x-*M	WSS RJ45S 84x-*M	WRJ45ES 84x-*M	WSS RJ45SMIP67 84x-*M
RKSS FSSDE 84x-*M	RKS FKSDE 84x-*M	RKS RJ45S 84x-*M	RKS WRJ45ES 84x-*M	RKS RJ45SMIP67 84x-*M
WKS FSSDE 84x-*M	WKS FKSDE 84x-*M	WKS RJ45S 84x-*M	WKS WRJ45ES 84x-*M	WKS RJ45SMIP67 84x-*M
RJ45S FSSDE 84x-*M	RJ45S FKSDE 84x-*M	RJ45S RJ45S 84x-*M		RJ45SS RJ45SMIP67 84x-*M
WRJ45 FSSDE 84x-*M	WRJ45 FKSDE 84x-*M	WRJ45ES RJ45S 84x-*M	WRJ45ES WRJ45ES 84x-*M	WRJ45ES RJ45SMIP67 84x-*M
RJ45SMIP67 FSSDE 84x-*M	RJ45SMIP67 FKSDE 84x-*M			RJ45SMIP67 RJ45SMIP67 84x-*M

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Ethernet Media

See pages K10 - K11 for dimensional drawings.

* Indicates length in meters.

x Indicates cable type.

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

For stainless steel coupling nuts change part number RSS ... to RSSV, FKSDE ... to FKSDEV.

For cross-over cable, add "CR" to part number RJ45S RJ45S CR 84x-*M.

For right angle RJ45, select WRJ45I for internal tab or WRJ45E for external tab.

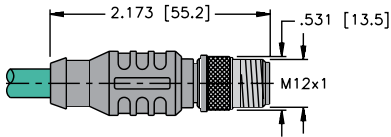
Ethernet Physical Media Connectivity

Ethernet, Eurofast® Cordset Connector Dimensions / Configuration

Specifications

Overmold:	TPU	Protection:	NEMA 1, 3, 4, 6P and IEC IP 67
Coupling Nut:	Nickel Plated CuZn or Stainless Steel	Rated Voltage:	60 V
Contact Carrier:	TPU or POM (Nylon)	Rated Current:	2 A
Contacts:	Gold Plated CuZn	Ambient Temperature:	-40 °C to +80 °C (32 °F to +176 °F)

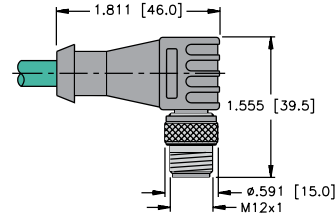
1



RSC/RSS ..

Page K6

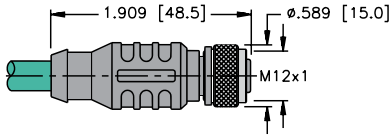
2



WSC/WSS ..

Page K6

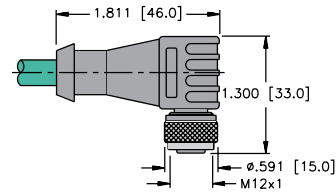
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RKC/RKS ..

Page K6

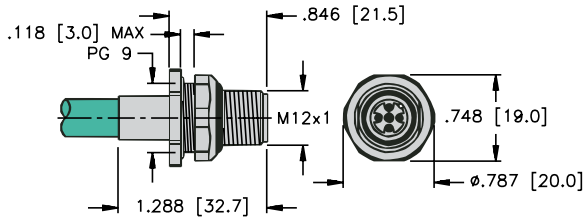
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WKC/WKS ..

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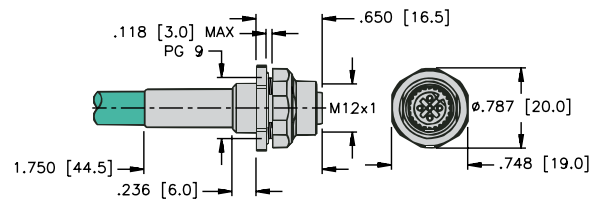
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FSFD ..

Page K6

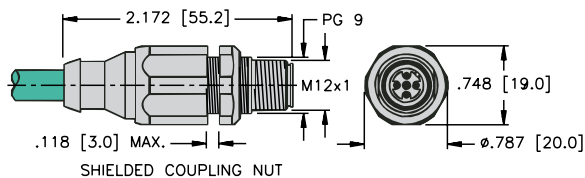
6



FKFD ..

Page K7

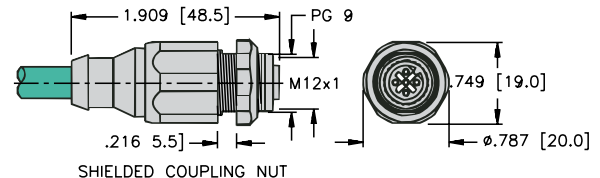
7



FSSDE ..

Page K9

8



FKSDE ..

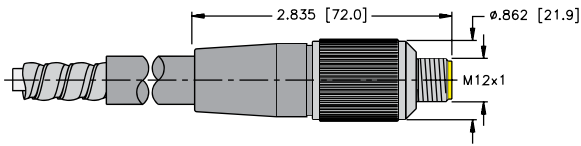
Page K9

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Specifications

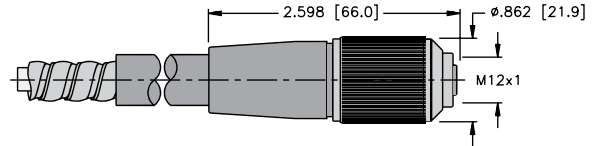
Overmold: TPU
Coupling Nut: Nickel Plated CuZn or Stainless Steel
Contact Carrier: TPU or POM (Nylon)
Contacts: Gold Plated CuZn

Protection: NEMA 1, 3, 4, 6P and IEC IP 67
Rated Voltage: 60 V
Rated Current: 2 A
Ambient Temperature: -40 °C to +75 °C (-22 °F to +167 °F)



RSA ..

(Armorfast® only)



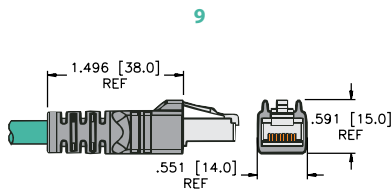
RKA ..

(Armorfast® only)

Specifications

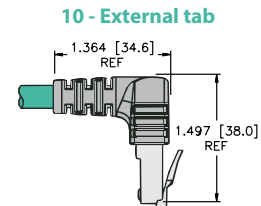
Overmold: TPU
Plug Material: Polycarbonate
Protection: NEMA 1 and IEC IP 20

Rated Voltage: 42 V
Rated Current: 1.5 A



RJ45/RJ45S ..

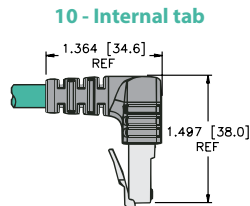
Page K6



WRJ45E/WRJ45ES ..

External tab

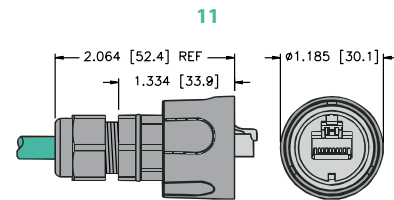
Page K6



WRJ45I/WRJ45IS ..

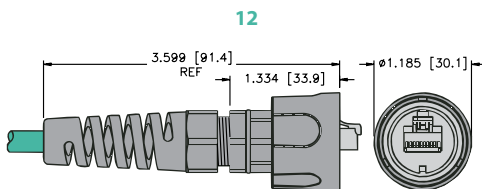
Internal tab

Page K6



RJ45MIP67/RJ45SMIP67..

Page K6



RJ45IP67 ..

Page K6

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Ethernet Physical Media Connectivity

Ethernet, Economy RJ45 to RJ45 Cordsets

- For “In the Panel” applications where Industrial Cordsets are not needed
- Available in Yellow, 3 ft and 7 ft lengths only



Housing	Part Number	Application	End View	Pinout
	RJ45 RJ45 840-3FT/ECON	<ul style="list-style-type: none"> • Ethernet patch cordsets for panel connections • Economy, non industrial 	<p>Male</p> <p>12345678</p>	<ol style="list-style-type: none"> 1. WH/OG 2. OG 3. WH/GN 4. BU 5. WH/BU 6. GN 7. WH/BN 8. BN
	RJ45 RJ45 840-7FT/ECON			

We reserve the right to make technical alterations without prior notice.

Ethernet, Circuit Board Connectors and OEM Receptacles, 8-wire

- Provides (M12x1) Eurofast® 8-Pin Connection to Field Devices

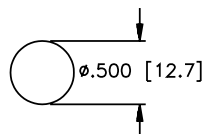


Housing	Female Part Number	Male Part Number	Features	Pinout
<p>FK 84 PCB KIT</p>	<p>FK 84-PCB KIT</p>	<p>FS 84-PCB KIT</p>	<p>Nickel plated CuZn or stainless steel, 36 VDC, 1.5 A, -40 °C to +80 °C, Eurofast with mounting kit</p>	<p>Female</p>
<p>FS 84 PCB KIT</p>				<p>Male</p>
<p>FK 84 PCB</p>	<p>FK 84-PCB</p>		<p>Nickel plated CuZn or stainless steel, 36 VDC, 1.5 A, -40 °C to +80 °C, Eurofast</p>	

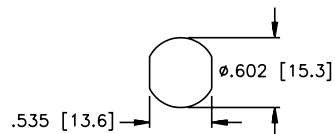
We reserve the right to make technical alterations without prior notice.

Standard housing material is nickel plated brass "FSV .."; "FKV ..." indicates 316 stainless steel.

Panel Cutout
FK ... FS



Panel Cutout
FKFD ... FSFD



Ethernet Physical Media Connectivity

Ethernet, Circuit Board Connectors and OEM Receptacles, 8-wire

- Provides (M12x1) Eurofast® 8-Pin Connection to Field Devices

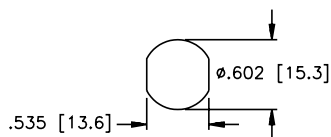


Housing	Female Part Number	Male Part Number	Features	Pinout
<p>FKFD..</p>	FKFD 84-PCB	FSFD 84-PCB	Nickel plated CuZn or stainless steel 36 VDC, 1.5 A, -40 °C to +80 °C, Eurofast PCB pins	<p>Female</p>
<p>FSFD..</p>				
<p>FKFDL</p>	FKFDL 84	FSFDL 84	Nickel plated CuZn or stainless steel 36 VDC, 1.5 A, -40 °C to +80 °C, male Eurofast solder cups	<p>Male</p>
<p>FSFDL..</p>				
<p>WFS..</p>		WFS 84-PCB	Nickel plated CuZn or stainless steel 36 VDC, 1.5 A, -40 °C to +80 °C, male Eurofast right angle PCB pins	

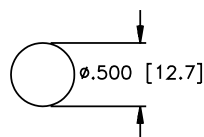
We reserve the right to make technical alterations without prior notice.

Standard housing material is nickel plated brass "FKFD.."; "FKFDV.." indicates 316 stainless steel.

Panel Cutout
FKFD ... FSFD

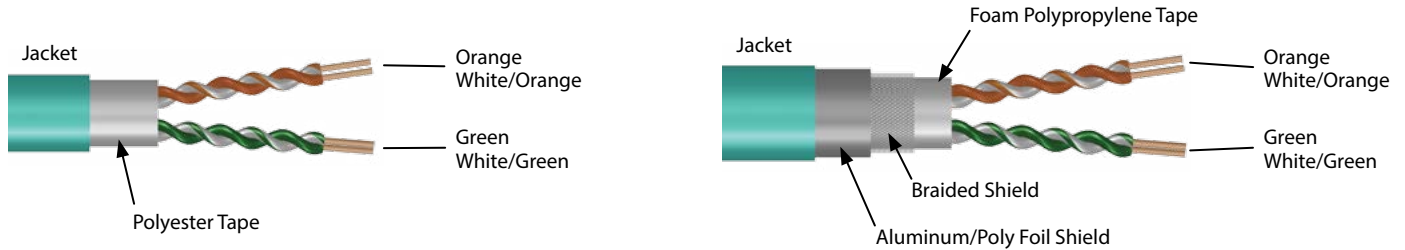


Panel Cutout
WFS



Ethernet, Cable Specifications, 4-wire

- Cable that meets the requirements of TIA/EIA568-C 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)

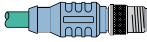
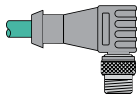

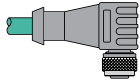
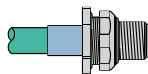
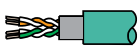
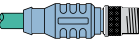
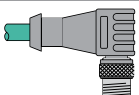
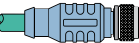
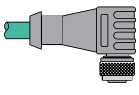

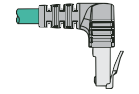
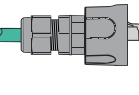
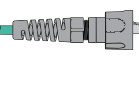
We reserve the right to make technical alterations without prior notice.

Type	Approvals	Data Pair		Outer Jacket Material Color Nominal O.D.	Shields Type	Bulk Cable Part Number / Weight/300 M	Flexlife Ratings
		AWG Color Code	DCR (/1000 feet) Insulation				
440 80 °C, 600 V	c(UL)us Type CM AWM	2UTPx24 AWG Stranded	26.5 Ohms PE	TPE Teal 6.1 mm (.240 in)	-	RB51210-*M 26 lbs. Flexlife®	10xO.D. 1 million cycles 20xO.D. 10 million cycles
441 80 °C, 600 V	c(UL)us Type CM AWM	2UTPx24 AWG Stranded	26.5 Ohms PE	TPE Teal 6.7 mm (.240 in)	Foil/Braid	RB51211-*M 35 lbs. Flexlife	10xO.D. 1 million cycles 20xO.D. 10 million cycles
442 75 °C, 300 V	c(UL)us Type CM	2UTPx24 AWG Solid	31.5 Ohms PE	TPE Teal 6.1 mm (.220 in)	-	RB51212-*M 18 lbs.	-
443 80 °C, 600 V	c(UL)us Type CM AWM	2UTPx24 AWG Solid	31.5 Ohms PE	TPE Teal 6.9 mm (.270 in)	Foil/Braid	RB51213-*M 38 lbs.	-

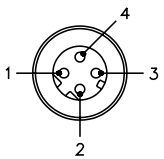
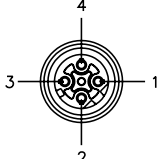
* Indicates length in meters.
Standard spool lengths are 30, 75, 100, 150, 200, 225, 300 meters. Consult factory for other lengths.

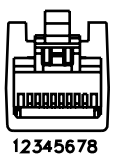
Ethernet Physical Media Connectivity

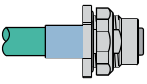

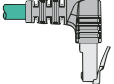


Ethernet, (M12x1) Eurofast®, RJ45 Cables and Extensions - Unshielded D-coded

		Eurofast					
		Male		Female		Male	
		 11 RSCD	 2 WSCD	 12 RKCD	 4 WKCD	 13 FSFDD	
	 Bare	RSCD 44x-*M	WSCD 44x-*M	RKCD 44x-*M	WKCD 44x-*M	FSFDD 44x-*M	
Eurofast	Male	 11 RSCD	RSCD RSCD 44x-*M	RSCD WSCD 44x-*M	RSCD RKCD 44x-*M	RSCD WKCD 44x-*M	RSCD FSFDD 44x-*M
		 2 WSCD	WSCD RSCD 44x-*M	WSCD WSCD 44x-*M	WSCD RKCD 44x-*M	WSCD WKCD 44x-*M	WSCD FSFDD 44x-*M
	Female	 12 RKCD			RKCD RKCD 44x-*M		RKCD FSFDD 44x-*M
		 4 WKCD			WKCD RKCD 44x-*M	WKCD WKCD 44x-*M	WKCD FSFDD 44x-*M
RJ45	RJ45 Plug	 17 RJ45					RJ45 FSFDD 44x-*M
	WRJ45 Plug	 18 WRJ45E					WRJ45E FSFDD 44x-*M
	RJ45M IP67 Plug	 19 RJ45MIP67					RJ45MIP67 FSFDD 44x-*M
	RJ45 IP67 Plug	 20 RJ45IP67					RJ45IP67 FSFDD 44x-*M

We reserve the right to make technical alterations without prior notice.

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

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

Eurofast	RJ45			
Female	RJ45 Plug	WRJ45 Plug	RJ45M IP67 Plug	RJ45 IP67 Plug
 14 FKFDD	 17 RJ45	 18 WRJ45E	 19 RJ45MIP67	 20 RJ45IP67
FKFDD 44x-*M	RJ45 44x-*M	WRJ45E 44x-*M	RJ45MIP67 44x-*M	RJ45IP67 44x-*M
RSCD FKFDD 44x-*M	RSCD RJ45 44x-*M	RSCD WRJ45E 44x-*M	RSCD RJ45MIP67 44x-*M	RSCD RJ45IP67 44x-*M
WSCD FKFDD 44x-*M	WSCD RJ45 44x-*M	WSCD WRJ45E 44x-*M	WSCD RJ45MIP67 44x-*M	WSCD RJ45IP67 44x-*M
RKCD FKFDD 44x-*M	RKCD RJ45 44x-*M	RKCD WRJ45E 44x-*M	RKCD RJ45MIP67 44x-*M	RKCD RJ45IP67 44x-*M
WKCD FKFDD 44x-*M	WKCD RJ45 44x-*M	WKCD WRJ45E 44x-*M	WKCD RJ45MIP67 44x-*M	WKCD RJ45IP67 44x-*M
RJ45 FKFDD 44x-*M	RJ45 RJ45 44x-*M		RJ45 RJ45MIP67 44x-*M	RJ45 RJ45IP67 44x-*M
WRJ45E FKFDD 44x-*M	WRJ45E RJ45 44x-*M	WRJ45E WRJ45E 44x-*M	WRJ45E RJ45MIP67 44x-*M	WRJ45E RJ45IP67 44x-*M
RJ45MIP67 FKFDD 44x-*M			RJ45MIP67 RJ45MIP67 44x-*M	
RJ45IP67 FKFDD 44x-*M			RJ45IP67 RJ45MIP67 44x-*M	RJ45IP67 RJ45IP67 44x-*M

We reserve the right to make technical alterations without prior notice.

Ethernet Media

See pages K20 - K21 for dimensional drawings.

* Indicates length in meters.

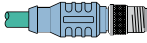
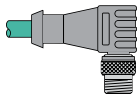

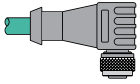
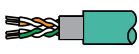
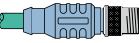
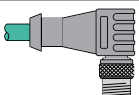
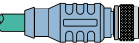
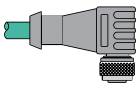

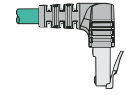
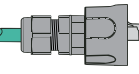
x Indicates cable type.

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

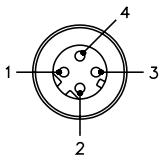
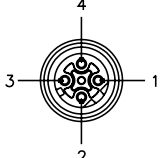
For right angle RJ45, select WRJ45I for internal tab or WRJ45E for external tab.

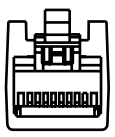
Ethernet Physical Media Connectivity

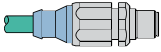
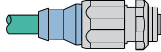

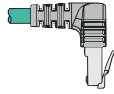

Ethernet, (M12x1) Eurofast®, RJ45, Cables and Extensions - Shielded Cable D-coded

		Eurofast				
		Male		Female		
		11 	2 	12 	4 	
		RSSD	WSSD	RKSD	WKSD	
		 Bare	RSSD 44x-*M	WSSD 44x-*M	RKSD 44x-*M	WKSD 44x-*M
Eurofast	Male	11 	RSSD RSSD 44x-*M	RSSD WSSD 44x-*M	RSSD RKSD 44x-*M	RSSD WKSD 44x-*M
		2 	WSSD RSSD 44x-*M	WKSD WSSD 44x-*M	WSSD RKSD 44x-*M	WSSD WKSD 44x-*M
	Female	12 			RKSD RKSD 44x-*M	
		4 			RKSD WKSD 44x-*M	WKSD WKSD 44x-*M
RJ45	RJ45 Plug	17 				
	WRJ45 Plug	18 				
	RJ45M IP67 Plug	19 				
		RJ45S				
		WRJ45ES				
		RJ45MIP67				

We reserve the right to make technical alterations without prior notice.

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

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

Eurofast		RJ45		
Male	Female	RJ45 Plug	WRJ45 Plug	RJ45M IP67 Plug
15 	16 	17 	18 	19 
FSSDED	FKSDED	RJ45S	WRJ45ES	RJ45SMIP67
FSSDED 44x-*M	FKSDED 44x-*M	RJ45S 44x-*M	WRJ45ES 44x-*M	RJ45SMIP67 44x-*M
RSSD FSSDED 44x-*M	RSSD FKSDED 44x-*M	RSSD RJ45S 44x-*M	RSSD WRJ45ES 44x-*M	RSSD RJ45SMIP67 44x-*M
WSSD FSSDED 44x-*M	WSSD FKSDED 44x-*M	WSSD RJ45S 44x-*M	WSSD WRJ45ES 44x-*M	WSSD RJ45SMIP67 44x-*M
RKSD FSSDED 44x-*M	RKSD FKSDED 44x-*M	RKSD RJ45S 44x-*M	RKSD WRJ45ES 44x-*M	RKSD RJ45SMIP67 44x-*M
WKSD FSSDED 44x-*M	RSSD FKSDED 44x-*M	WKSD RJ45S 44x-*M	WKSD WRJ45ES 44x-*M	WKSD RJ45SMIP67 44x-*M
RJ45S FSSDED 44x-*M	RJ45S FKSDED 44x-*M	RJ45S RJ45S 44x-*M		RJ45S RJ45SMIP67 44x-*M
WRJ45ES FSSDED 44x-*M	WRJ45ES FKSDED 44x-*M	WRJ45ES RJ45S 44x-*M	WRJ45ES WRJ45ES 44x-*M	WRJ45ES RJ45SMIP67 44x-*M
RJ45SMIP67 F5FD 84x-*M	RJ45SMIP67 FKFD 84x-*M			RJ45SMIP67 RJ45SMIP67 44x-*M

We reserve the right to make technical alterations without prior notice.

Ethernet Media

See pages K20 - K21 for dimensional drawings.

* Indicates length in meters.

x Indicates cable type.

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

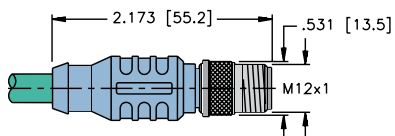
For stainless steel coupling nuts change part number RSSD ... RSSDV, FSSDED ... FSSDEDV.

For right angle RJ45, select WRJ45I for internal tab or WRJ45E for external tab.

Specifications

Overmold:	TPU	Protection:	NEMA 1, 3, 4, 6P and IEC IP 67
Coupling Nut:	Nickel Plated CuZn or Stainless Steel	Rated Voltage:	250 V
Contact Carrier:	TPU or POM (Nylon)	Rated Current:	4 A
Contacts:	Gold Plated CuZn	Ambient Temperature:	-40 °C to +80 °C (32 °F to +176 °F)

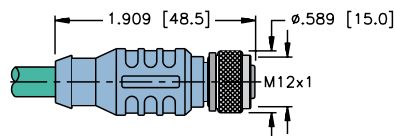
11



RSCD/RSSD ..

Page K16

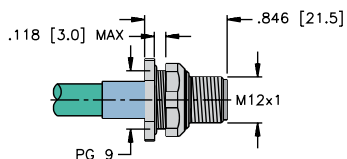
12



RKCD/RKSD ..

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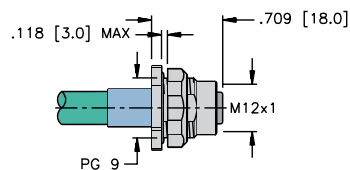
13



FSFDD ..

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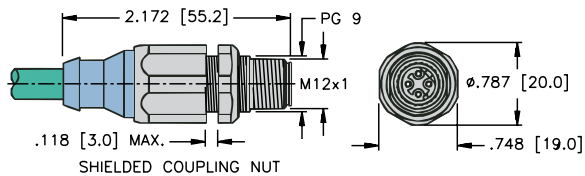
14



FKFDD ..

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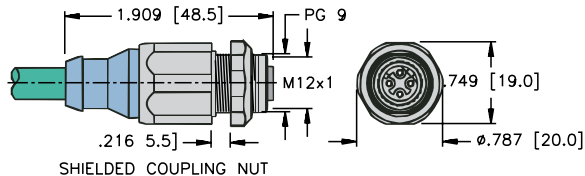
15



FSSDED ..

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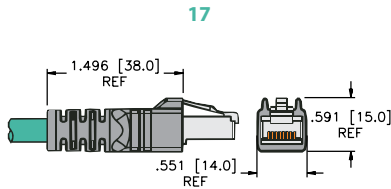
FKSDED ..

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We reserve the right to make technical alterations without prior notice.

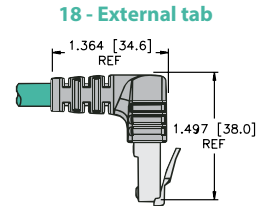
Specifications

Overmold:	TPU	Rated Voltage:	42 V
Plug Material:	Polycarbonate	Rated Current:	1.5 A
Protection:	NEMA and IEC IP 20	Ambient Temperature:	-25 °C to +80 °C (-22 °F to +176 °F)



RJ45/RJ45S ..

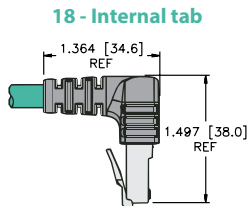
Page K16



WRJ45E/WRJ45ES ..

External tab

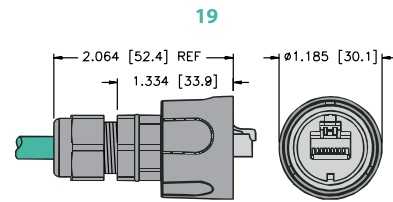
Page K16



WRJ45I/WRJ45IS ..

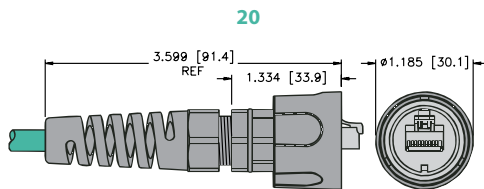
Internal tab

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We reserve the right to make technical alterations without prior notice.

Ethernet Media

Ethernet Physical Media Connectivity

Ethernet, Receptacle

- Transitions from a RJ45 Connector to a 4-wire Eurofast® Connector

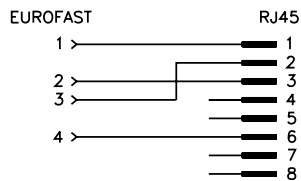


Housing Style	Part Number	Features
	FKSD RJ45SF 44	Polyurethane, TPU Overmold, 42 V, 1.5 A, -40 °C to +75 °C
	FKSD RJ45SF 44/ST	Polyurethane, TPU Overmold, 42 V, 1.5 A, -40 °C to +75 °C
	FKD FKD 44/M12	4 A, 50 V, -25 °C to +85 °C, wired one-to-one

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Panel mounting clearance hole 19/32" (15 mm). Panel thickness: .060-.120" (1.5-3 mm)

Wiring Diagrams



Ethernet, 4-Pin D-coded Field Wireables

- Allows for Quick Connections when Pre-Molded Cables are not available
- Available in Male, Straight and Right Angle Connector configurations



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Housing Style	Female Part Number	Male Part Number	Features	Pinout
<p>CMBD 81..</p>	CMBD 8141-0/PG9	CMBSD 8141-0/PG9	4 A, 250 V, -40 °C to +85 °C, mates with female 4-pin D-coded Eurofast® cordsets and receptacles	<p>Female</p>
<p>CMBSD 81..</p>				
<p>CMBD 82..</p>	CMBD 8241-0/PG9	CMBSD 8241-0/PG9		<p>Male</p>
<p>CMBSD 82..</p>				

Ethernet Media

Ethernet Physical Media Connectivity

Ethernet, RJ45 Field Wireable

- Allows for Quick Connections in the field
- Fully Shielded
- Includes assembly instructions



Housing	Part Number	Features	Pinout
<p>M10 NUT W/CABLE CLAMPING</p> <p>2.052 [52.1] .306 [7.8] .454 [11.5] .546 [13.9]</p>	Connector, RJ45S IDC	22-24 AWG stranded, 22-23 AWG solid, -40 °C to +70 °C	<p>Male</p>
<p>.636 [16.2]</p> <p>2.015 [51.2] .544 [13.8]</p>	Connector, FW, RJ45S 84 IDC	22-27 AWG stranded, 22-24 AWG solid, -40 °C to +85 °C, Cat 6 A	<p>Male</p>
<p>.578 [14.7]</p> <p>2.020 [51.3] .539 [13.7]</p>	Connector, FW, RJ45S 86 IDC CAT 6	22-26 AWG, -40 °C to +70 °C, Cat 6 A	<p>Male</p>

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