

Part Number Keys are to assist in IDENTIFICATION ONLY. Consult factory for catalog items not identified.

M12 Picofast Cordset				Varieties			
R	K	V	4.4	T	*		/S..
<b>Gender</b> R = straight W = right angle  <b>Plug Body Style</b> (blank) = standard plug body A = armored plug body, 18 AWG C = medium plug body CN = medium plug body, NAMUR wiring E = large plug body G = large, robust plug body L = compact plug body S = shielded to coupling nut  <b>Coupling Nut (Threaded coupling nut only)</b> (blank) = nickel plated brass V = Stainless steel S = Shielded to coupling nut K = nylon  <b>Number of Wires / AWG / Color Codes</b> 4.2 = 2-wire BN, BU 4.21 = 2-wire BN, BU, blue jacket, NAMUR 4.22 = 2-wire BN, BU 4.23 = 2-wire BN, BU 4 = 3-wire BN, BU, BK 4.4 = 4-wire BN, WH, BU, BK 4.41 = 4-wire BN, WH, BU, BK, blue jacket, NAMUR 4.43 = 4-wire BN, WH, BU, BK, yellow jacket 4.5 = 5-wire BN, WH, BU, BK, GY 4.6 = 6-wire BN, WH, BU, BK, GY, PK 5 = 5-wire GN, WH, OG, BK, RD, blue jacket, NAMUR 6 = 6-wire BN, WH, BU, BK, GY, PK 8 = 8-wire WH, BN, GN, YE, GY, PK, BU, RD 8.6 = 6-wire WH, GN, YE, GY, BN, BU 8.6 = 8-wire WH, GN, YE, GY, BN, PK, BU, RD 10 = 10-wire WH, BN, GN, YE, GY, PK, BU, RD, OG, TN 12 = 12-wire WH, BN, GN, YE, GY, PK, BU, RD, OG, TN, BK, VT				<b>Varieties</b> (blank) = PVC jacket /S90 = TPU jacket /S90-SP = TPU coil cord /S101 = Flexlife-20, high flex cable /S529 = yellow PUR jacket, braided shield, PVC inner jacket /S600 = CPE, rubber jacket /S618 = foil shield & drain wire, drain not connected /S622 = grey PVC jacket, 18 AWG Conductors /S653 = foil shield & drain wire, drain connected /S715 = yellow jacket /S824 = PLTC /S1092 = PTFE coated coupling nuts /S1587 = TPE, Weldlife® /S1077 = silicone tubing /S3031 = PUR mold body, PTFE coated coupling nut and silicone tubing /CS .. = consult factory, special /S .. = consult factory, special			
				<b>Insertion Point of Extension Cable and Second Prefix*</b> * Female connector listed first, male connector second Example: RK 4T-4-WS 4T			
				<b>LED Options</b> (blank) = No LEDs P7X2 = 2 LEDs with sourcing (PNP) signal and power P7X3 = 3 LEDs with sourcing (PNP) signal and power N7X2 = 2 LEDs with sinking (NPN) signal and power			
				<b>Length in Meters</b> (blank) = no barb fitting, L style only T = T barb fitting A = armored cable Q = quick turn			

AWG sizes depend on body style and "/S" variety

## 6-Wire Cordsets, "C" Style Medium Plug Body

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75 VDC, 2 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
<p><b>RKC ..**</b></p> <p>1.654 [42.0]    Ø.589 [15.0]</p> <p>ANTI-VIBRATION DETENT</p> <p>M12x1</p> <p><b>WKC ..**</b></p> <p>1.736 [44.1]    1.122 [28.5]</p> <p>Ø.532 [13.5]</p> <p>M12x1</p> <p><b>RSC ..**</b></p> <p>1.909 [48.5]    .531 [13.5]</p> <p>M12x1</p> <p><b>WSC ..**</b></p> <p>1.736 [44.1]    1.377 [35.0]</p> <p>Ø.531 [13.5]</p> <p>M12x1</p>	<b>RKC 6T-*</b> <b>WKC 6T-*</b>	<b>RSC 6T-*</b> <b>WSC 6T-*</b>	AWM PVC Grey, 6x24 AWG, 105 °C, 5.1 mm OD, Cable #RF50608-*M, Flexlife®	<p><b>Female</b></p> <p>1. BN 2. WH 3. BU 4. BK 5. GY 6. PK</p> <p><b>Male</b></p> <p>1. BN 2. WH 3. BU 4. BK 5. GY 6. Drain</p> <p>1. OR 2. RD 3. YE 4. BK 5. BU 6. Drain</p>
	<b>RKC 6T-*/S90</b> <b>WKC 6T-*/S90</b>	<b>RSC 6T-*/S90</b> <b>WSC 6T-*/S90</b>	AWM TPU Grey, 6x24 AWG, 90 °C, 5.1 mm OD, Cable #RF50646-*M, Cut/ Abrasion Immune	
	<b>RKC 6T-*/S101</b> <b>WKC 6T-*/S101</b>	<b>RSC 6T-*/S101</b> <b>WSC 6T-*/S101</b>	AWM TPE Grey, 6x24 AWG, 105 °C, 5.1 mm OD, Cable #RF50910-*M, Flexlife-20, high flex over 20 million cycles	
	<b>RKC 6T-*/S90/S760</b> <b>WKC 6T-*/S90/S760</b>	<b>RSC 6T-*/S90/S760</b> <b>WSC 6T-*/S90/S760</b>	AWM TPU Black, 6x24 AWG, 90 °C, 5.1 mm OD, Cable #RF50728-*M, Cut/ Abrasion Immune	
	<b>RKC 6T-*/S529</b> <b>WKC 6T-*/S529</b>	<b>RSC 6T-*/S529</b> <b>WSC 6T-*/S529</b>	AWM TPU Yellow, 6x24 AWG, 90 °C, 6.2 mm OD, Cable #RF51120-*M, Cut/Abrasion immune, braided mechanical shield	
	<b>RKC 6T-*/S849/S1052</b> <b>WKC 6T-*/S849/S1052</b>	<b>RSC 6T-*/S849/S1052</b> <b>WSC 6T-*/S849/S1052</b>	ITC/PLTC PVC Grey, 6x22 AWG, 105 °C, 6.2 mm OD, Cable #RF51284-*M, Flexlife, 22 AWG conductors, grey cable	
	<b>RKC 6T-*/S618</b> <b>WKC 6T-*/S618</b>	<b>RSC 6T-*/S618</b> <b>WSC 6T-*/S618</b>	AWM PVC Grey, 6x24 AWG Foil/Drain, 105 °C, 5.1 mm OD, Cable #RF50610-*M, RFI/EMI Shielding	
	<b>RKC 6T-*/S653</b> <b>WKC 6T-*/S653</b>	<b>RSC 6T-*/S653</b> <b>WSC 6T-*/S653</b>	ITC/PLTC PVC Grey, 5x22 AWG Foil/Drain, 105 °C, 5.7 mm OD, Cable #RF50609-*M, RFI/EMI Shielding	
	<b>RKC 6T-*/S90/CS10476</b> <b>WKC 6T-*/S90/CS10476</b>	<b>RSC 6T-*/S90/CS10476</b> <b>WSC 6T-*/S90/CS10476</b>	AWM TPU NAMUR Blue, 5x24 AWG Foil/Drain, 90 °C, 5.7 mm OD, Cable #RF50928-*M, Cut/ Abrasion Immune	

\* Length in meters. Standard cable lengths are 2, 4, 6, 8 and 10 meters. Consult factory for other lengths.

\*\* Standard coupling nut material is nickel plated brass "RKC .."; "RKC .." indicates stainless steel.