

## Minifast

### 7/8", 1" & 1 1/8" Minifast Cordset Part Number Key

**7/8", 1" & 1 1/8" Minifast Cordset**

R = straight  
W = right angle

**Gender**  
K = female connector  
S = male connector  
Y = male connector, female threads

**Coupling Nut Material**  
(blank) = nylon  
M = nickel plated brass  
V = stainless steel (hex on 1", 1 1/8" and knurl on 7/8")  
VH = stainless steel (hex on 7/8")

**Insertion point of Extension Cable and 2nd Prefix\***

- Male connector listed 1st, female connector 2nd
- Example: RSM RKM 40-2M

**30 - \*M /S..**

**Varieties**  
(blank) = PVC jacket  
/S90 = TPU jacket  
/S90-SP = TPU coil cord  
/S101 = Flexlife \*-20, and C-Track high flex cable  
/S600 = CPE, rubber jacket  
/S1077 = silicone tubing  
/S1587 = TPE, Weldlife \*  
/S3059 = TPE, Weldlife \*, automotive  
/S.. = consult factory, special  
/CS.. = consult factory, special

**Length in Meters**

### Number of Wires / AWG / Color Codes

20 = 2x18 AWG BN, BU	55 = 5x16 AWG RD/WH, RD/BU, GN/YE, RD/OG, RD/BK	106 = 10x16 AWG OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, RD, GN/YE, BK, WH
26 = 2x16 AWG WH, BK	56 = 5x16 AWG WH, RD, GN/YE, OG, BK	126 = 12x16 AWG OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, BU/BK, BK/WH, GN/YE, RD, WH, BK
28A = 2x18 AWG WH, BK	58A = 5x18 AWG WH, RD, GN/YE, OG, BK	190 = 3x18, 16X22 AWG VT, RD, GY, RD/BU, BU, GN, BN, WH/GN, WH/YE, WH/GY, BK, GN/YE, YE/BN, BN/GN, WH, YE, PK, GY/BN, GY/PK
30 = 3x18 AWG GN/YE, BN, BU	511 = 5x18 AWG RD/WH, RD/BU, GN/YE, RD/OG, RD/BK	___A Metal Clad Cable (18 AWG straight only)
31 = 3x18 AWG BK, BN, BU	61 = 6x18 AWG GN, WH, BU, GY, YE, BN	___D Smooth Plug Body (16 AWG straight only)
35 = 3x16 AWG GN/YE, RD/BK, RD/WH	66 = 6x16 AWG WH, RD, GN/YE, OG, BK, BU	
36 = 3x16 AWG GN/YE, BK, WH	68A = 6x18 AWG WH, RD, GN/YE, OG, BK, BU	
38A = 3x18 AWG GN/YE, BK, WH	6B6 = 6x16 AWG OG, BU, BK, WH, RD, GN/YE	
311 = 3x18 AWG GN/YE, RD/BK, RD/WH	76 = 7x16 AWG WH/BK, BK, WH, RD, OG, BU, GN/YE	
40 = 4x18 AWG BN, WH, BU, BK	86 = 8x16 AWG OG, BU, WH/BK, BK, WH, RD, GN/YE, RD/BK	
46 = 4x16 AWG BK, WH, RD, GN/YE	96 = 9x16 AWG OG, BU, RD/BK, GN/BK,	
47 = 4x16 AWG BN, WH, BU, GN/YE		
48A = 4x18 AWG BK, WH, RD, GN/YE		
461 = 4x16 AWG BN, WH, BU, GN/YE		
50 = 5x18 AWG BK, BU, GN/YE, BN, WH		

### 7/8", 1" & 1 1/8" Minifast Receptacle Part Number Key

**7/8", 1" & 1 1/8" Minifast Receptacle**

R K F V

**Gender**  
K = female connector, female threads  
S = male connector, male threads  
Y = male connector, female threads  
X = female connector, male threads

**Designator for Receptacle**

**Mounting Style**  
(blank) = front mount  
P = back panel mount  
L = solder cup  
F = flange mount

**Housing Material**  
(blank) = nickel plated brass  
K = nylon  
V = stainless steel

**30 - \*M /MPT /S..**

**Varieties**  
S717 = assembled with jacketed cable  
/S849 = 22AWG  
/S.. = consult factory, special  
/CS.. = consult factory, special  
W/LN = with lock nut

**Connection Thread**  
(blank) = 1/2-14 NPSM threads  
/NPT = 1/2-14 NPT threads  
/14.5/NPT = 1/2-14 NPT threads (1" & 1 1/8")  
/14.75/NPT = 3/4-14 NPT threads  
/M20 = /M20x1.5 threads

**Connection Type / Length in Meters**  
(blank) = solder cup  
PCB = PCB pins

### Number of Wires / AWG / Color Codes

20 = 2x18 AWG BN, BU	56 = 5x16 AWG WH, RD, GN/YE, OG, BK	106 = 10x16 AWG OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, RD, GN/YE, BK, WH
26 = 2x16 AWG WH, BK	58 = 5x18 AWG WH, RD, GN/YE, OG, BK	126 = 12x16 AWG OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, BU/BK, BK/WH, GN/YE, RD, WH, BK
28 = 2x18 AWG WH, BK	511 = 5x18 AWG RD/WH, RD/BU, GN/YE, RD/OG, RD/BK	190 = 3x18, 16X22 AWG VT, RD, GY, RD/BU, BU, GN, BN, WH/GN, WH/YE, WH/GY, BK, GN/YE, YE/BN, BN/GN, WH, YE, PK, GY/BN, GY/PK
30 = 3x18 AWG GN/YE, BN, BU	61 = 6x18 AWG GN, WH, BU, GY, YE, BN	___A Metal Clad Cable (18 AWG straight only)
31 = 3x18 AWG BK, BN, BU	66 = 6x16 AWG WH, RD, GN/YE, OG, BK, BU	___D Smooth Plug Body (16 AWG straight only)
35 = 3x16 AWG GN/YE, RD/BK, RD/WH	68 = 6x18 AWG WH, RD, GN, OG, BK, BU	
36 = 3x16 AWG GN/YE, BK, WH	6B6 = 6x16 AWG OG, BU, BK, WH, RD, GN/YE	
38 = 3x18 AWG GN/YE, BK, WH	76 = 7x16 AWG WH/BK, BK, WH, RD, OG, BU, GN/YE	
311 = 3x18 AWG GN/YE, RD/BK, RD/WH	86 = 8x16 AWG OG, BU, WH/BK, BK, WH, RD, GN/YE, RD/BK	
40 = 4x18 AWG BN, WH, BU, BK	96 = 9x16 AWG OG, BU, RD/BK, GN/BK,	
46 = 4x16 AWG BK, WH, RD, GN/YE		
47 = 4x16 AWG BN, WH, BU, GN/YE		
48 = 4x18 AWG BK, WH, RD, GN/YE		
461 = 4x16 AWG BN, WH, BU, GN/YE		
50 = 5x18 AWG BK, BU, GN/YE, BN, WH		
55 = 5x16 AWG RD/WH, RD/BU, GN/YE, RD/OG, RD/BK		

### Field Wireable Part Number Key

**Field Wireable Type**  
B = standard field wireable

**Gender**  
(blank) = female  
S = male

**Coupling Nut Material**  
(blank) = nickel  
V = stainless steel

**Minifast Style**  
4 = 7/8"  
7 = 1" or 1 1/8"

**Housing Style**  
1 = straight  
2 = right angle

**4 2 3 1 - 0 / 9**

**Cable Opening**  
9 = PG 9 cable opening (6-8mm cable)  
13.5 = PG 13.5 cable opening (10-12mm cable)  
16 = PG 16 cable opening (12-14mm cable)  
21 = PG 12 cable opening (9-16mm cable)

**Cable Option**  
0 = no cable

**Termination**  
1 = standard

**Number of Pins**

3 = 3	7 = 7
4 = 4	8 = 8
5 = 5	9 = 9
6 = 6	10 = 10
6B6 = 6	12 = 12

### Junction Box Part Number Key

**4 RFK 30 - X5 - 6M /S..**

**Number of Ports**  
4  
6  
8

**Type of Connector / Threads**  
RFK = Minifast, female contact holder, female threads  
RXF = Minifast, female contact holder, male threads  
MBMA = Minifast overmolded junction box

**Receptacle Housing Material**  
(blank) = nickel plated brass  
V = stainless steel

**Number of Ports, Wiring**  
30 = 3-pin, standard wiring  
301 = 3-pin, series wiring  
40 = 4-pin, standard wiring

**Varieties**  
/S.. = consult factory, customer special  
/CS.. = consult factory, customer special

**Cable Type (x)**  
\*M = length of integral home run cable in meters  
CS12 = Multifast connector, 12-pin (only overmolded option)  
B1131 = Minifast connector, 3-pin  
B1161 = Minifast connector, 6-pin  
RSF70 = Minifast connector, 7-pin  
RSF80 = Minifast connector, 8-pin  
RSF100 = Minifast connector, 10-pin  
RSF120 = Minifast connector, 12-pin

**LED Options**  
(Blank) = No LEDs  
Xn = LEDs, n = Number of LEDs