

# Amphenol®

With the patented RJ Stop® solution, any standard communication cordset – including Ethernet, Firewire (IEEE 1394), and USB can be transformed into an environmentally protected rugged connector in less than a minute, with no tooling or termination required. The design provides waterproof sealing against fluids and dust to meet IP67 requirements - waterproof under water up to one meter in depth for up to 20 minutes.



## Harsh Environment IP67 Connectors – EZ Field

CAT. NO.	DESCRIPTION	PRICE
RJFEZ21	Rectangular plastic panel mount receptacle RJ45	\$13.87
RJFEZ6	Rectangular plastic plug black	8.70
RJFEZBE	Rectangular plastic cap for receptacle	2.97
RJFEZJE	Gasket for panel mount receptacle	0.63

## Harsh Environment IP67 Connectors – Push Pull 544 (ECTA) circular RJ45 Ethernet connection system.

CAT. NO.	DESCRIPTION	PRICE
RJF54421	Panel mount receptacle circular plastic black	\$15.68
RJF5442M1	Panel mount receptacle circular metalized plastic	17.81
RJF5446	Plug circular plastic black	11.65
54402BE	Plastic circular cap for receptacle	13.87
54402BM	Plastic circular cap for plug	13.87
54402JE	Gasket (JE16) for panel mount receptacle	0.82
5440T02	544 insert / removal tool for plug	0.86

## Harsh Environment IP67 Connectors – Firewire Field (IEEE 1394 MIL Circular DTL-38999 series III)

CAT. NO.	DESCRIPTION	PRICE
FWFTV21N	Panel mount 2000A receptacle nickel	\$53.45
FWFTV6N	2000A plug nickel	63.00
FWFTV71N	Firewire field jam nut 2000A receptacle nickel	55.36
JE15	Field bus gasket for firewire field	1.09
FWFODE	Firewire insert / removal tool	24.88

**Harsh Environment IP67 Connectors – RJ Field Ethernet connection system offers a quick and easy solution to transform any standard existing RJ45 Cat5e cordset into a rugged waterproof and vibration resistant package. Incorporating a bayonet type MIL-C-26482 circular shell for extremely harsh environments.**

CAT. NO.	DESCRIPTION	PRICE
RJF21B	Panel mount receptacle RJ45 black	\$27.79
RJF21N	Panel mount receptacle RJ45 nickel	32.09
RJF22B00	Panel mount receptacle PCB black	22.52
RJF2PEM1B	Panel mount receptacle RJ45 backshell metal gland black	54.62
RJF2PEM1N	Panel mount receptacle backshell RJ45 nickel	51.69
RJF6B	Plug metal circular shell black	27.22
RJF6N	Plug metal circular shell nickel	28.27
RJF71B	Jam nut receptacle RJ45 black	41.68
RJF71N	Jam nut receptacle RJ45 nickel	45.99
RJF72B00	Jam nut receptacle PCB black	37.67
RJF7PEM1B	Jam nut receptacle backshell RJ45 black	65.24
RJF7PEM1N	Jam nut receptacle backshell RJ45 nickel	65.63
RJFC2B	Cap for panel mount receptacle black	22.89
RJFC2N	Cap for panel mount receptacle nickel	24.15
RJFC6B	Cap for plug black	24.79
RJFC6N	Cap for plug nickel	25.93
RJFC7B	Cap for jam nut receptacle black	29.14
RJFC7N	Cap for jam nut receptacle nickel	30.37
JE18	Gasket for series panel mount receptacle	1.04
RJFODE	Insert/Removal Tool RJ field	24.89

**Harsh Environment IP67 Rugged Circular Connectors – RJ Field TV (RJ45 Ethernet interface) incorporates a metal circular MIL DTL-38999 Series III threaded shell.**

CAT. NO.	DESCRIPTION	PRICE
RJFTV6N	Plug nickel	\$41.63
RJFTV71N	Jam nut receptacle RJ45 nickel	50.33
RJFVPEM1N	Jam nut receptacle backshell RJ45 nickel	72.35
RJFTVC2N	Cap for panel mount receptacle nickel	31.42
RJFTVC6N	Cap for plug nickel	33.98
RJFTVC7N	Cap for jam nut receptacle nickel	36.80
JE19	Gasket for RIF TV series panel mount receptacle	1.54
RJFODE	Insert / removal tool RIF TV	24.89

*Please contact Electro Sonic for other finishes. For more information, contact an Electro Sonic Representative or visit [www.e-sonic.com](http://www.e-sonic.com).*

## Harsh Environment IP67 Connectors – USB Field (MIL Circular DTL-38999 series III)

CAT. NO.	DESCRIPTION	PRICE
USBFTV21N	Panel mount receptacle USB a nickel	\$35.48
USBFTV6N	Plug nickel	47.79
USBFTV71N	Jam nut receptacle USB a nickel	42.00
USBFTV72N	Jam nut receptacle PCB nickel	41.61
USBFTVC2N	Cap for panel mount receptacle nickel	24.05
USBFTVC6N	Cap for plug nickel	24.99
USBFTVC7N	Cap for jam nut receptacle nickel	30.46
JE15	Field bus gasket for USB field	1.09
USBFODE	USB field insert / removal tool	24.38

## Harsh Environment Splash Proof Connectors – Self Closing Cap

CAT. NO.	DESCRIPTION	PRICE
RJF21BSSC	RJ field snap cap plain insert black shell	\$37.12
RJF21NSSC	RJ field snap cap metalized insert nickel	38.67
USBF21BSSC	Usb field snap cap plain insert black	35.90
USBF21NSSC	Usb field snap cap metalized insert nickel	37.49
FWF21BSSC	Firewire field snap cap plain insert black	48.08
FWF21NSSC	Firewire field snap cap metalized insert nickel	48.72



## High Reliability CAT5 & CAT5E Bulk Cable & Cable Cordsets with Molded RJ45 Plug Ends

CAT5 Stranded 26AWG & CAT5E 24 AWG round patch twisted pair bare Copper Wire, extra rugged, double shielded Kevlar with a highly flexible jacket made of black Halogen Free, flame retardant Polyether-based Polyurethane. Cordsets available in various lengths.

CAT. NO.	DESCRIPTION	PRICE
190-036161-00	Field Bus Cat 5 High Reliability Ethernet Cable 100 Meters (328 feet)	\$730.17
190-038045-00	Field Bus Cat 5E High Reliability Ethernet Cable 100 Meters (328 feet)	696.52
RJFSFTP0152	Ethernet high reliability cordset CAT5 w/RJ45 plug (1.52M/5 feet)	55.91
RJFSFTP0305	Ethernet high reliability cordset CAT5 w/RJ45 plug (3.05M/10 feet)	66.62
RJFSFTP5E0076	Ethernet high reliability cordset CAT5E w/RJ45 plug (.76M/2.5 feet)	52.52

# Amphenol® Amphenol Miniature Cylindrical Proprietary/ MIL-C-26482 Series 1 With Bayonet Coupling

- Twice the number of contacts in just half the size of a standard connector.
- Operating voltage to 1,000 VAC (RMS).
- Operating temperature from -55°C to +125°C.
- Resilient inserts provide high dielectric strength and moisture barrier.
- Environment resistant.
- Quick Positive three point bayonet coupling.
- Interchangeable with other brands such as KPT.
- Largest stock in Canada for immediate delivery available at Electro Sonic

## MS/PT - How to order

To more easily illustrate ordering procedure, part numbers MS3110E20-41P and PT00A20-41PSR are shown as follows:

**MS 311 0 E 20 - 41 P**

**PT 00 A - 20 - 41 P SR**

### Connector type

"MS" designates Military Standard

### A Specification Number

"311" designates basic family number for MIL-C-26482, Series 1 solder type.

### Shell Style

"0" designates wall mounting receptacle  
 "1" designates cable connecting receptacle  
 "2" designates box mounting receptacle  
 "6" designates straight plug

### Service Class

"E" designates environmental resisting connector  
 "F" designates environmental resisting connector with strain relief  
 "SE" designates environment with crimp contacts

### Shell Size

"20" designates shell size. Shell sizes 8 through 24.

### Insert Arrangement

"20 - 41" designates insert arrangement. Refer to pages 58-63 of the 12-070-12 PT/MS Amphenol Catalogue.

### Contacts

"P" designates pin contacts  
 "S" designates sockets contacts

### Connector type

"PT" designates standard olive drab, electrically conductive cadmium plated bayonet lock connector with solder contacts.

### Shell Style

"00" designates wall mounting receptacle  
 "01" designates cable connecting receptacle  
 "02" designates box mounting receptacle  
 "06" designates straight plug

### Service Class

"A" designates general duty backshell  
 "E" designates environmental resisting connector  
 "SE" designates environment with crimp contacts

### Shell Size

"20" designates shell size. Shell sizes 6 through 24.

### Insert Arrangement

"20 - 41" designates insert arrangement. Refer to pages 58-63 of the 12-070-12 PT/MS Amphenol Catalogue.

### Contacts

"P" designates pin contacts  
 "S" designates sockets contacts

"SR" designates a strain relief clamp



WALL MOUNT RECEPTACLE



CABLE MOUNT RECEPTACLE



BOX MOUNT RECEPTACLE

PART NO.	PRICE
<b>SOLDER CONTACTS</b>	
PT00A-10-6P	\$33.33
<b>CRIMP CONTACTS</b>	
MS3120E-12-10P	37.00
MS3120F-10-6P	47.37
MS3120F-10-6S	47.37
MS3120F-12-3P	47.81
MS3120F-14-19S	58.05

PART NO.	PRICE
<b>SOLDER CONTACTS</b>	
PT01A-10-6P-SR	\$33.01
<b>CRIMP CONTACTS</b>	
MS3121F-10-6S	45.94
MS3121F-12-10P	52.18

**ALL PARTS STOCKED AT ELECTRO SONIC - FOR IMMEDIATE DELIVERY**

PART NO.	PRICE
<b>SOLDER CONTACTS</b>	
MS3112E-10-6P	\$14.33
MS3112E-12-10P	16.91
MS3112E-12-10S	28.99
MS3112E-12-3P	15.07
MS3112E-12-3S	17.97
MS3112E12-8P	18.29
MS3112E-14-12P	26.82

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**BOX MOUNT RECEPTACLE (CONT'D)**

PART NO.	PRICE
<b>SOLDER CONTACTS</b>	
MS3112E-14-19P	<b>\$23.08</b>
MS3112E-8-2P	<b>14.16</b>
MS3112E-8-4P	<b>13.58</b>
MS3112E-8-4S	<b>19.44</b>
PT02A-10-6S	<b>17.93</b>
PT02A-12-10P	<b>25.35</b>
PT02A-12-10S	<b>23.05</b>
PT02A-12-3P	<b>12.50</b>
PT02A-14-15P	<b>18.57</b>
PT02A-14-18P	<b>24.60</b>
PT02A-14-19P	<b>24.88</b>
PT02A-14-5P	<b>20.04</b>
PT02A-16-26P	<b>30.71</b>
PT02A-8-3P	<b>19.32</b>
PT02A-8-4P	<b>13.89</b>
PT02E-10-6S	<b>21.27</b>
PT02E-12-3P	<b>14.05</b>
PT02E-12-8P	<b>17.81</b>
PT02E-14-15P	<b>19.68</b>
PT02E-14-18S	<b>27.23</b>
PT02E-14-5P	<b>17.36</b>
PT02E-16-26S	<b>38.68</b>
PT02E-8-4P	<b>16.15</b>
PT02E-8-4S	<b>13.95</b>
<b>CRIMP CONTACTS</b>	
MS3122E-12-10P	<b>30.64</b>
MS3122E-12-10S	<b>32.24</b>
MS3122E-16-8P	<b>47.54</b>
MS3122E-18-11P	<b>48.52</b>
MS3122E-20-16P	<b>58.99</b>
MS3122E-22-55P	<b>73.77</b>
PT02SE10-6S	<b>53.45</b>
PT02SE-14-12S	<b>43.50</b>
PT02SE-14-18P	<b>38.45</b>
PT02SE14-19P	<b>37.67</b>
PT02SE-14-5P	<b>39.91</b>



**STRAIGHT PLUG**

PART No.	PRICE
<b>Solder contacts</b>	
MS3116E10-6P	<b>\$24.32</b>
MS3116E10-6S	<b>26.26</b>
MS3116E12-10S	<b>34.56</b>

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**STRAIGHT PLUG (CONT'D)**

PART NO.	PRICE
<b>SOLDER CONTACTS</b>	
MS3116E12-8S	<b>\$32.85</b>
MS-3116E-14-19S	<b>44.67</b>
MS3116E22-55S	<b>107.52</b>
MS3116E-8-2S	<b>22.15</b>
MS3116E-8-3P	<b>23.09</b>
MS3116E-8-3S	<b>24.44</b>
MS3116E8-4P	<b>21.94</b>
MS3116E-8-4S	<b>24.31</b>
MS3116F10-6P	<b>27.91</b>
MS3116F-12-10P	<b>33.25</b>
MS3116F-12-10S	<b>36.02</b>
MS3116F-12-3P	<b>31.50</b>
MS3116F-12-3S	<b>35.07</b>
MS3116F14-19P	<b>39.24</b>
MS3116F20-16S	<b>80.54</b>
MS3116F-8-2S	<b>31.26</b>
MS3116F-8-3S	<b>31.16</b>
MS3116F-8-4P	<b>29.25</b>
MS3116F-8-4S	<b>32.84</b>
PT06A10-6P-SR	<b>31.61</b>
PT06A-10-6P	<b>18.41</b>
PT06A10-6S	<b>20.35</b>
PT06A10-6S-027	<b>26.20</b>
PT06A10-6S-SR	<b>26.19</b>
PT06A12-10P	<b>24.04</b>
PT06A-12-10PSR	<b>26.19</b>
PT06A-12-10S	<b>33.01</b>
PT06A12-10S-SR	<b>31.78</b>
PT06A-12-3S	<b>24.24</b>
PT06A-12-3SSR	<b>36.26</b>
PT06A-12-4PSR	<b>41.42</b>
PT06A-14-12P	<b>28.93</b>
PT06A-14-18P	<b>27.26</b>
PT06A-14-18P SR	<b>32.69</b>
PT06A14-18S	<b>42.89</b>
PT06A-14-19PSR	<b>44.56</b>
PT06A-14-5SSR	<b>44.83</b>
PT06A16-26P	<b>38.68</b>
PT06A-8-3SSR	<b>38.01</b>
PT06A-8-4PSR	<b>34.00</b>
PT06A-8-4S	<b>25.87</b>
PT06A8-4S-SR	<b>34.76</b>
PT06E10-6P	<b>20.99</b>
PT06E10-6S	<b>23.73</b>
PT06E-10-98P SR	<b>27.97</b>
PT06E12-10S	<b>28.13</b>
PT06E-12-10SSR	<b>36.50</b>
PT06E12-8S-SR	<b>47.93</b>
PT06E-14-15P SR	<b>35.55</b>
PT06E-14-15S SR	<b>49.87</b>
PT06E-14-18SSR	<b>46.27</b>
PT06E-14-19PSR	<b>35.55</b>
PT06E-14-19S SR	<b>41.86</b>

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# Amphenol®

**STRAIGHT PLUG (CONT'D)**

PART NO.	PRICE
PT06E-14-5SSR	<b>\$38.23</b>
PT06E-16-26P	<b>38.76</b>
PT06E-16-26P SR	<b>45.98</b>
PT06E-8-3SSR	<b>41.26</b>
PT06E8-4P	<b>18.25</b>
PT06E8-4S	<b>28.81</b>
PT06E-8-4SSR	<b>41.82</b>
PT06W10-6S	<b>46.54</b>
<b>CRIMP CONTACTS</b>	
MS3126F-10-6P	<b>37.71</b>
MS3126F10-6S	<b>31.50</b>
MS3126F-12-10P	<b>40.77</b>
MS3126F12-3S	<b>38.27</b>
MS3126F-14-12S	<b>50.69</b>
MS3126F-14-19P	<b>40.10</b>
MS3126F14-19S	<b>51.92</b>
MS3126F-14-5P	<b>42.57</b>
MS3126F-14-5S	<b>47.92</b>
MS3126F-16-26P	<b>57.72</b>
MS3126F-16-8P	<b>50.09</b>
MS3126F-18-11S	<b>67.07</b>
MS3126F-18-32S	<b>72.01</b>
MS3126F-20-16S	<b>77.13</b>
MS3126F22-55S	<b>88.06</b>
PT06SE-10-6P	<b>42.53</b>
PT06SE12-10P	<b>52.74</b>
PT06SE-12-10SSR	<b>41.52</b>
PT06SE12-3P-470	<b>31.61</b>
PT06SE12-8S-470	<b>35.93</b>
PT06SE-14-12PSR	<b>47.06</b>
PT06SE-14-18SSR	<b>37.14</b>
PT06SE-14-19SSR	<b>50.61</b>
PT06SE-14-5SSR	<b>32.85</b>
PT06SE16-8P-470	<b>41.85</b>

**For other models and/or additional information, contact your Electro Sonic representative or visit [www.e-sonic.com](http://www.e-sonic.com)**

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