

# AMPHENOL® Rugged Ethernet Connection System Amphenol®

## RJF EZ ETHERNET CONNECTION SYSTEM

RJ Field allows you to use an Ethernet Class D / Cat. 5e connection for 10 BaseT, 100 BaseTX or 1000 BaseT networks in harsh environments.

- IP68, Sealed against fluids and dusts
- Shock, vibration, and traction resistant
- No tools required
- Can use a standard RJ45 cordset
- Quick lever coupling
- Minimum 500 mating cycles

### Applications:

- Telecom
- Video Control
- Robotics
- Industrial Process Control
- CNC Process Control
- Motion Control
- Tele Maintenance



RoHS Compliant

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Price Each		
				1	5	10
<b>Plug</b>						
523-RJFEZ6	RJFEZ6	A	Rectangular, Plastic, Black	9.70	8.78	8.02
<b>Receptacles</b>						
523-RJFEZ21	RJFEZ21	B	Rectangular Plastic Panel Mount, RJ45, Black	19.64	17.78	16.25
523-RJFEZ2203100BTX	RJFEZ2203100BTX	C	Panel Mount with RJ45 cordset, 0.3M, Black	25.39	23.53	21.91
523-RJFEZ2205100BTX	RJFEZ2205100BTX	C	Panel Mount with RJ45 cordset, 0.5M, Black	27.91	25.69	23.80
<b>RJF EZ Accessories</b>						
523-RJFEZBE	RJFEZBE	-	Rectangular Plastic Cap for Receptacle	7.86	7.14	6.55
523-RJFEZJE	RJFEZJE	-	Gasket for Panel Mount Receptacle	.65	.59	.54

## RJ11 FIELD CONNECTION SYSTEM

RJ11 Field allows you to use a standard phone RJ11 connection in harsh environments.

- Transversely potted and sealed without cap
- Vibe and Shock Proof
- Aluminum Bayonet Shell
- Accommodates a standard RJ11 cordset
- Four mechanical coding/polarization possibilities for the user
- Minimum 500 mating cycles
- MIL-C-26482

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Price Each		
				1	5	10
<b>Plugs</b>						
523-RJ11F6B	RJ11F6B	D	Plastic Gland, Black	47.49	43.84	40.71
523-RJ11F6N	RJ11F6N	D	Plastic Gland, Nickel	50.25	46.07	42.52
<b>Receptacles</b>						
523-RJ11F21B	RJ11F21B	E	Panel Mount, RJ11 to RJ11, Black	51.43	47.35	43.87
523-RJ11F21N	RJ11F21N	E	Panel Mount, RJ11 to RJ11, Nickel	56.41	51.71	47.73
523-RJ11F22N	RJ11F22N	F	Panel Mount, RJ11 to PC Board, Nickel	49.28	45.49	42.24
523-RJ11F71N	RJ11F71N	G	Jam Nut, RJ11 to RJ11, Nickel	55.90	53.94	51.72
523-RJ11F72N	RJ11F72N	H	Jam Nut, RJ11 to PC Board, Nickel	74.62	68.40	63.14
<b>RJ11 Field Accessories</b>						
523-RJ11FC6N	RJ11FC6N	I	Cap for Plug, Nickel	40.54	37.16	34.30
523-RJ11FC2B	RJ11FC2B	J	Cap for Receptacle, Black	36.43	33.54	31.07
523-RJ11FC2N	RJ11FC2N	J	Cap for Receptacle, Nickel	39.95	36.62	33.81
523-RJ11FC6B	RJ11FC6B	-	Cap for Plug, Black	38.98	35.73	32.99
523-RJ11FC7N	RJ11FC7N	-	Cap for Jam Nut Receptacle, Nickel	51.62	46.97	43.09
523-RJ11FODE	RJ11FODE	K	Insert Removal Device	39.79	36.93	34.47

## RJ FIELD TRANSVERSELY AND ENVIRONMENTALLY SEALED RECEPTACLES

- Transversely potted and sealed without cap
- Features the same main characteristics as the RJ Field and RJ Field TV series
- Four mechanical coding/polarization possibilities for the user
- Minimum 500 mating cycles
- IP68



RoHS Compliant

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MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	RoHS Compliant	Price Each		
					1	5	10
<b>Receptacles - A Coding</b>							
523-RJF2SA1B	RJF2SA1B	L	Panel Mount, RJ45, Black	Yes	49.88	46.05	42.76
523-RJF2SA1N	RJF2SA1N	L	Panel Mount, RJ45, Nickel	Yes	48.91	44.83	41.56
523-RJF2SA1G	RJF2SA1G	L	Panel Mount, RJ45, Green Cadmium	No	52.32	47.96	44.27
523-RJF7SA1B	RJF7SA1B	M	Jam Nut, RJ45, Black	Yes	72.52	66.94	62.16
523-RJF7SA1G	RJF7SA1G	M	Jam Nut, RJ45, Green Cadmium	No	70.44	65.02	60.38
<b>Receptacles - A Coding</b>							
523-RJFTV2SA1N	RJFTV2SA1N	N	Panel Mount, RJ45, Nickel	Yes	61.28	56.08	51.70
523-RJFTV2SA1G	RJFTV2SA1G	N	Panel Mount, RJ45, Green Cadmium	No	64.05	58.92	54.56
523-RJFTV7SA1G	RJFTV7SA1G	O	Jam Nut, RJ45, Green Cadmium	No	81.51	75.04	69.52

## RJ FIELD REVERSE BAYONET CONNECTION SYSTEM

RJ Field allows you to use an Ethernet Class D / Cat. 5e and Class E Cat 6 connection for 10 BaseT, 100 BaseTX or 1000 BaseT networks in harsh environments.

- Compatible with cable diameter from 5.5mm to 7mm
- Transversely potted and sealed without cap
- Vibration and shock proof
- Cost effective composite shell
- Accommodates a standard RJ45 cordset
- Minimum 500 mating cycles
- IP68
- No tools required

### Applications:

- Telecom
- Video Control
- Robotics
- Industrial Process Control
- CNC Process Control
- Motion Control
- Tele Maintenance



RoHS Compliant

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Price Each		
				1	5	10
<b>Cat 5e Plug</b>						
523-RJFRB6	RJFRB6	P	Plug, Plastic Gland, Black	14.52	13.40	12.44
<b>Cat 5e Receptacle</b>						
523-RJFRB71	RJFRB71	Q	Jam Nut, RJ45, Black	20.78	19.18	17.81
523-RJFRB7203100BTX	RJFRB7203100BTX	Q	Jam Nut, with 11.81 in. (0.3 m) RJ45 cordset, Black	45.50	42.00	39.00
523-RJFRB7205100BTX	RJFRB7205100BTX	Q	Jam Nut, with 19.68 in. (0.5 m) RJ45 cordset, Black	42.43	39.17	36.37
523-RJFRB7210100BTX	RJFRB7210100BTX	Q	Jam Nut, with 39.37 in. (1.0 m) RJ45 cordset, Black	57.02	52.64	48.88
523-RJFRB75	RJFRB75	R	Jam Nut, with straight PC Tails, Black	35.58	32.34	29.65
523-RJFRB71RA	RJFRB71RA	S	Jam Nut, Right Angle RJ45, Black	23.98	22.08	20.12
<b>Accessories</b>						
523-RJFRBC7	RJFRBC7	T	Cap for Jam Nut Receptacle - RJFRB71/RJFRB71RA	8.00	7.38	6.85
523-RJFRBC75	RJFRBC75	U	Cap for Jam Nut Receptacle - RJFRB75	9.23	8.27	7.59
<b>Cat 6 Receptacle</b>						
523-RJFRB73U	RJFRB73U	V	Jam Nut RJ45 to IDC Unshielded	58.88	54.35	50.47

