


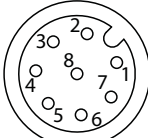


# Ethernet (M12) Series Etherplug Cordsets

8 Conductor Ethernet Series Cordsets, 24/26AWG

Straight Male Cordsets | 60 Volt, 2 amps | CAT5e | A-Coded | Twisted Pairs | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
		Teal PVC AWM 8 X 24 AWG 60V, 2A -20°C to +80°C 6.4mm OD	Industry Standard PVC	<ol style="list-style-type: none"><li>1. White/Blue</li><li>2. White/Brown</li><li>3. Brown</li><li>4. Orange</li><li>5. White/Green</li><li>6. White/Orange</li><li>7. Blue</li><li>8. Green</li></ol>	 M12 x 1
		Teal PVC AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -20°C to +80°C 7.6mm OD	Industry Standard PVC Foil & Braided Shield		
		Teal PUR AWM 8 X 24 AWG 60V, 2A -40°C to +80°C 6.3 mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR		
		Teal PUR With Foil & Braided Shield 8 X 26 AWG 60V, 2A -40°C to +75°C 6mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield		
		Teal PUR With Foil & Braided Shield 8 X 26 AWG 60V, 2A -40°C to +75°C 6mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield to Coupling Nut		
		Teal TPE AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 7.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield		
		Teal TPE AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 7.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield to Coupling Nut		


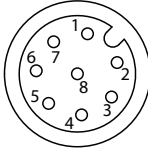
# Ethernet (M12) Series Etherplug Cordsets

## 8 Conductor Ethernet Series Cordsets, 24/26AWG



Straight Female Cordsets | 60 Volt, 2 amps | CAT5e | A-Coded | Twisted Pairs | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
		Teal PVC AWM 8 X 24 AWG 60V, 2A -20°C to +80°C 6.4mm OD	Industry Standard PVC	1. White/Blue 2. White/Brown 3. Brown 4. Orange 5. White/Green 6. White/Orange 7. Blue 8. Green	 M12 x 1
		Teal PVC AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -20°C to +80°C 7.6mm OD	Industry Standard PVC Foil & Braided Shield		
		Teal PUR AWM 8 X 24 AWG 60V, 2A -40°C to +80°C 6.3 mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR		
		Teal PUR With Foil & Braided Shield 8 X 26 AWG 60V, 2A -40°C to +75°C 6mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield		
		Teal PUR With Foil & Braided Shield 8 X 26 AWG 60V, 2A -40°C to +75°C 6mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield to Coupling Nut		
		Teal TPE AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 7.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield		
		Teal TPE AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 7.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield to Coupling Nut		

\*\* Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDE45-8FP-1M becomes MDE45-8FP-1M-SS)

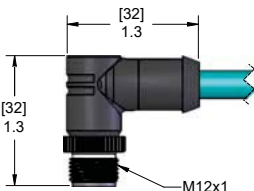
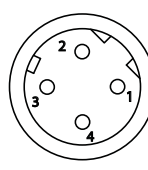


# Ethernet (M12) Series Etherplug Cordsets

4 Conductor Ethernet Series Cordsets, 24AWG

Right Angle Male Cordsets | 300 Volt, 4 amps | CAT5e | D-Coded | Twisted Pairs | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
		Teal PVC AWM 4 X 24 AWG 300V, 4A -20°C to +80°C 6.1mm OD	Industry Standard PVC	1. White/Orange 2. White/Green 3. Orange 4. Green	 M12 x 1
		Teal PVC AWM With Foil & Braided Shield 4 X 26 AWG 300V, 4A -20°C to +80°C 6.6mm OD	Industry Standard PVC Foil & Braided Shield		
		Teal PUR AWM 4 X 24 AWG 300V, 4A -40°C to +80°C 5.6mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR		
		Teal PUR AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.4mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield		
		TPE AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield		

\*\* Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MDE45-4MP-1M-R becomes MDE45-4MP-1M-R-SS)

# Ethernet (M12) Series Etherplug Cordsets

## 4 Conductor Ethernet Series Cordsets, 24AWG



Right Angle Female Cordsets | 300 Volt, 4 amps | CAT5e | D-Coded | Twisted Pairs | IP67 Rating



Connector Body Style		Cables	Features	Color Code	Faceview
		Teal PVC AWM 4 X 24 AWG 300V, 4A -20°C to +80°C 6.1mm OD	Industry Standard PVC	1. White/Orange 2. White/Green 3. Orange 4. Green	 M12 x 1
		Teal PVC AWM With Foil & Braided Shield 4 X 26 AWG 300V, 4A -20°C to +80°C 6.6mm OD	Industry Standard PVC Foil & Braided Shield		
		Teal PUR AWM 4 X 24 AWG 300V, 4A -40°C to +80°C 5.6mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR		
		Teal PUR AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.4mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield		
		TPE AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield		

\*\* Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDE45-4FP-1M-R becomes MDE45-4FP-1M-R-SS)

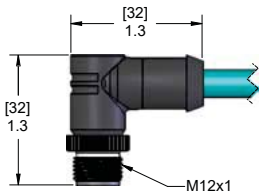
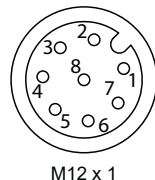


# Ethernet (M12) Series Etherplug Cordsets

8 Conductor Ethernet Series Cordsets, 24AWG

Right Angle Male Cordsets | 60 Volt, 2 amps | CAT5e | A-Coded | Twisted Pairs | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
		Teal PVC AWM 8 X 24 AWG 60V, 2A -20°C to +80°C 6.4mm OD	Industry Standard PVC	1. White/Blue 2. White/Brown 3. Brown 4. Orange 5. White/Green 6. White/Orange 7. Blue 8. Green	 M12 x 1
		Teal PVC AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -20°C to +80°C 7.6mm OD	Industry Standard PVC Foil & Braided Shield		
		Teal PUR AWM 8 X 24 AWG 60V, 2A -40°C to +80°C 6.3 mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR		
		Teal PUR With Foil & Braided Shield 8 X 26 AWG 60V, 2A -40°C to +75°C 6mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield		
		Teal TPE AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 7.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield		

\*\* Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MDE45-8MP-1M-R becomes MDE45-8MP-1M-R-SS)

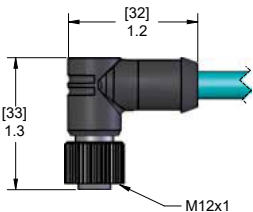
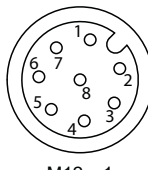
# Ethernet (M12) Series Etherplug Cordsets

## 8 Conductor Ethernet Series Cordsets, 24AWG



Right Angle Female Cordsets | 60 Volt, 2 amps | CAT5e | A-Coded | Twisted Pairs | IP67 Rating



Connector Body Style		Cables	Features	Color Code	Faceview
		Teal PVC AWM 8 X 24 AWG 60V, 2A -20°C to +80°C 6.4mm OD	Industry Standard PVC	1. White/Blue 2. White/Brown 3. Brown 4. Orange 5. White/Green 6. White/Orange 7. Blue 8. Green	 M12 x 1
		Teal PVC AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -20°C to +80°C 7.6mm OD	Industry Standard PVC Foil & Braided Shield		
		Teal PUR AWM 8 X 24 AWG 60V, 2A -40°C to +80°C 6.3 mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR		
		Teal PUR With Foil & Braided Shield 8 X 26 AWG 60V, 2A -40°C to +75°C 6mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield		
		Teal TPE AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 7.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield		

\*\* Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDE45-8FP-1M-R becomes MDE45-8FP-1M-R-SS)



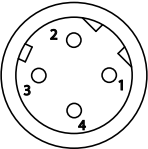
# Ethernet (M12) Series Etherplug Cordsets

4 Conductor Ethernet Series Cordsets, 24AWG

Double Ended Cordsets | 300V, 4A | CAT5e | D-Coded | Twisted Pairs | IP67 Rating

Only Male to Female versions are UL listed for safety concerns



Male Faceview	Cables	Features	Male to Female	Male to Male	Female to Female
 M12 x 1	Teal PVC AWM 4 X 24 AWG 300V, 4A -20°C to +80°C 6.1mm OD	Industry Standard PVC	MDE45-4MFP-**-	MDE45-4MMP-**-	MDE45-4FFP-**-
	Teal PVC AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -20°C to +80°C 6.1mm OD	Industry Standard PVC Foil & Braided Shield	MDE45B-4MFP-**-	MDE45B-4MMP-**-	MDE45B-4FFP-**-
	Teal PUR AWM 4 X 24 AWG 300V, 4A -40°C to +80°C 5.6mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR	MDE45P-4MFP-**-	MDE45P-4MMP-**-	MDE45P-4FFP-**-
	Teal PUR AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.4mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield	MDE45PB-4MFP-**-	MDE45PB-4MMP-**-	MDE45PB-4FFP-**-
	Teal PUR AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.4mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield to Coupling Nut	MDE45PB-4MFPS-**-	MDE45PB-4MMPS-**-	MDE45PB-4FFPS-**-
	TPE AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield	MDE45WB-4MFP-**- (Teal) MDE45WB-4MFP-**-RD (Red)	MDE45WB-4MMP-**- (Teal) MDE45WB-4MMP-**-RD (Red)	MDE45WB-4FFP-**- (Teal) MDE45WB-4FFP-**-RD (Red)
	TPE AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield to Coupling Nut	MDE45WB-4MFPS-**- (Teal) MDE45WB-4MFPS-**-RD (Red)	MDE45WB-4MMPS-**- (Teal) MDE45WB-4MMPS-**-RD (Red)	MDE45WB-4FFPS-**- (Teal) MDE45WB-4FFPS-**-RD (Red)

\*\* Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "SS" suffix. (e.g. MDE45-4MFP-1M becomes MDE45-4MFP-1M-SS)



Male Plug



Female Plug

联络人: 胡保鑫 手机: 18217539767 QQ: 2 899 667 998

# Ethernet (M12) Series Etherplug Cordsets

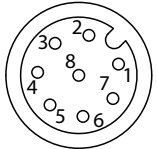
## 8 Conductor Ethernet Series Cordsets, 24AWG



Double Ended Cordsets | 60V, 2A | CAT5e | Twisted Pairs | IP67 Rating



Only Male to Female versions are UL listed for safety concerns

Male Faceview	Cables	Features	Male to Female	Male to Male	Female to Female
 M12 x 1	Teal PVC AWM 8 X 24 AWG 60V, 2A -20°C to +80°C 6.4mm OD	Industry Standard PVC	MDE45-8MFP-**	MDE45-8MMP-**	MDE45-8FFP-**
	Teal PVC AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -20°C to +80°C 7.6mm OD	Industry Standard PVC Foil & Braided Shield	MDE45B-8MFP-**	MDE45B-8MMP-**	MDE45B-8FFP-**
	Teal PUR AWM 8 X 24 AWG 60V, 2A -40°C to +80°C 6.3 mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR	MDE45P-8MFP-**	MDE45P-8MMP-**	MDE45P-8FFP-**
	Teal PUR With Foil & Braided Shield 8 X 24 AWG 60V, 2A -40°C to +75°C 6.3mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield	MDE45PB-8MFP-**	MDE45PB-8MMP-**	MDE45PB-8FFP-**
	Teal PUR With Foil & Braided Shield 8 X 24 AWG 60V, 2A -40°C to +75°C 6.3mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield to Coupling Nut	MDE45PB-8MFPS-**	MDE45PB-8MMPS-**	MDE45PB-8FFPS-**
	Teal TPE AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 7.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield	MDE45WB-8MFP-**	MDE45WB-8MMP-**	MDE45WB-8FFP-**
	Teal TPE AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 7.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield to Coupling Nut	MDE45WB-8MFPS-**	MDE45WB-8MMPS-**	MDE45WB-8FFPS-**

\*\* Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "SS" suffix. (e.g. MDE45-8MFP-1M becomes MDE45-8MFP-1M-SS)



Male Plug



Female Plug



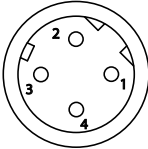


# Ethernet (M12) Series Etherplug Cordsets

4 Conductor Ethernet Series Cordsets, 24AWG

Double Ended Cordsets | 42 VDC, 1.5 amps | CAT5e | D-Coded | Twisted Pairs | IP67 Rating











Male Faceview	Cables	Features	Shield Type	Male to RJ45	Female to RJ45
 M12 x 1	Teal PVC AWM 4 X 24 AWG 42VDC, 1.5A -20°C to +80°C 6.1mm OD	Industry Standard PVC	Shield not Terminated	MDE45-4MP-RJ45-**	MDE45-4FP-RJ45-**
	Teal PVC AWM With Foil & Braided Shield 4 X 24 AWG 42VDC, 1.5A -20°C to +80°C 6.6mm OD	Industry Standard PVC Foil & Braided Shield	Shield not Terminated	MDE45B-4MP-RJ45-**	MDE45B-4FP-RJ45-**
	Teal PUR AWM 4 X 24 AWG 42VDC, 1.5A -40°C to +80°C 5.6mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR	Shield not Terminated	MDE45P-4MP-RJ45-**	MDE45P-4FP-RJ45-**
	Teal PUR AWM With Foil & Braided Shield 4 X 24 AWG 42VDC, 1.5A -40°C to +80°C 6.4mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield	Shield not Terminated	MDE45PB-4MP-RJ45-**	MDE45PB-4FP-RJ45-**
	TPE AWM With Foil & Braided Shield 4 X 24 AWG 42VDC, 1.5A -40°C to +80°C 6.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield	Shield not Terminated	MDE45WB-4MP-RJ45-** (Teal) MDE45WB-4MP-RJ45-**-RD (Red)	MDE45WB-4FP-RJ45-** (Teal) MDE45WB-4FP-RJ45-**-RD (Red)

\*\* Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDE45-4MP-RJ45-1M becomes MDE45-4MP-RJ45-1M-SS)

Red cable jacket is available only for TPE, for red cable jacket add a "-RD" suffix. (e.g. MDE45WB-4MSP-RJ45-1M becomes MDE45WB-4MSP-RJ45-1M-RD)

## Mencom Standard Cable Color Code

MDE45		Color		RJ45
1		White/Orange		1
3		Orange		2
2		White/Green		3
4		Green		6



Male - RJ45 Extension



Female - RJ45 Extension

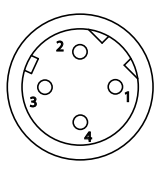
# Ethernet (M12) Series Etherplug Cordsets

## 4 Conductor Ethernet Series Cordsets, 24AWG



Double Ended Cordsets | 42 VDC, 1.5 amps | CAT5e | D-Coded | Twisted Pairs | IP67 Rating











Male Faceview	Cables	Features	Shield Type	Male to RJ45	Female to RJ45
 M12 x 1	Teal PVC AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -20°C to +80°C 6.1mm OD	Industry Standard PVC Foil & Braided Shield	Shield to Coupling Nut	MDE45B-4MSP-RJ45-**-	MDE45B-4FSP-RJ45-**-
			Shield to RJ45	MDE45B-4MP-RJ45S-**-	MDE45B-4FP-RJ45S-**-
			Shield to Coupling Nut & RJ45	MDE45B-4MSP-RJ45S-**-	MDE45B-4FSP-RJ45S-**-
	Teal PUR AWM With Foil & Braided Shield 4 X 24 AWG 42VDC, 1.5A -40°C to +80°C 6.4mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield	Shield to Coupling Nut	MDE45PB-4MSP-RJ45-**-	MDE45PB-4FSP-RJ45-**-
			Shield to RJ45	MDE45PB-4MP-RJ45S-**-	MDE45PB-4FP-RJ45S-**-
			Shield to Coupling Nut & RJ45	MDE45PB-4MSP-RJ45S-**-	MDE45PB-4FSP-RJ45S-**-
	TPE AWM With Foil & Braided Shield 4 X 24 AWG 42VDC, 1.5A -40°C to +80°C 6.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield	Shield to Coupling Nut	MDE45WB-4MSP-RJ45-**-	MDE45WB-4FSP-RJ45-**-
			Shield to RJ45	MDE45WB-4MP-RJ45S-**-	MDE45WB-4FP-RJ45S-**-
			Shield to Coupling Nut & RJ45	MDE45WB-4MSP-RJ45S-**-	MDE45WB-4FSP-RJ45S-**-

\*\* Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "SS" suffix. (e.g. MDE45-4MP-RJ45-1M becomes MDE45-4MP-RJ45-1M-SS)

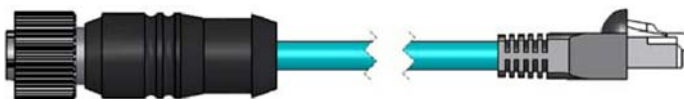
Red cable jacket is available only for TPE, for red cable jacket add a "RD" suffix. (e.g. MDE45WB-4MSP-RJ45-1M becomes MDE45WB-4MSP-RJ45-1M-RD)

### Mencom Standard Cable Color Code

MDE45		Color		RJ45
1		White/Orange		1
3		Orange		2
2		White/Green		3
4		Green		6



Male - RJ45 Extension



Female - RJ45 Extension

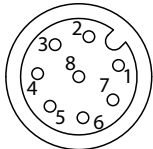


# Ethernet (M12) Series Etherplug Cordsets

8 Conductor Ethernet Series Cordsets, 24AWG

Double Ended Cordsets | 42 VDC, 1.5 amps | CAT5e | A-Coded | Twisted Pairs | IP67 Rating



















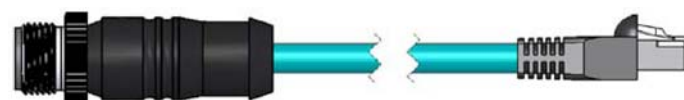
Male Faceview	Cables	Features	Shield Type	Male to RJ45	Female to RJ45
 M12 x 1	Teal PVC AWM 8 X 24 AWG 42VDC, 1.5A -20°C to +80°C 6.4mm OD	Industry Standard PVC	Shield not Terminated	MDE45-8MP-RJ45-**	MDE45-8FP-RJ45-**
	Teal PVC AWM With Foil & Braided Shield 8 X 24 AWG 42VDC, 1.5A -20°C to +80°C 7.6mm OD	Industry Standard PVC Foil & Braided Shield	Shield not Terminated	MDE45B-8MP-RJ45-**	MDE45B-8FP-RJ45-**
	Teal PUR AWM 8 X 24 AWG 42VDC, 1.5A -40°C to +80°C 6.3 mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR	Shield not Terminated	MDE45P-8MP-RJ45-**	MDE45P-8FP-RJ45-**
	Teal PUR With Foil & Braided Shield 8 X 26 AWG 42VDC, 1.5A -40°C to +75°C 6mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield	Shield not Terminated	MDE45PB-8MP-RJ45-**	MDE45PB-8FP-RJ45-**
	Teal TPE AWM With Foil & Braided Shield 8 X 24 AWG 42VDC, 1.5A -40°C to +80°C 7.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield	Shield not Terminated	MDE45WB-8MP-RJ45-**	MDE45WB-8FP-RJ45-**

\*\* Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDE45-8MP-RJ45-1M becomes MDE45-8MP-RJ45-1M-SS)

## Mencom Standard Cable Color Code

M12		Color		RJ45
6		White/Orange		1
4		Orange		2
1		White/Blue		5
7		Blue		4
5		White/Green		3
8		Green		6
2		White/Brown		7
3		Brown		8



Male - RJ45 Extension



Female - RJ45 Extension

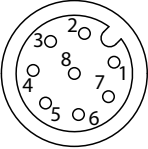
# Ethernet (M12) Series Etherplug Cordsets

## 8 Conductor Ethernet Series Cordsets, 24AWG



Double Ended Cordsets | 42 VDC, 1.5 amps | CAT5e | A-Coded | Twisted Pairs | IP67 Rating



















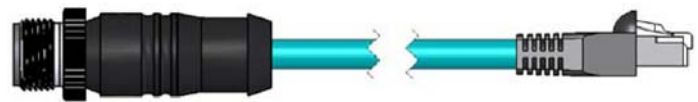
Male Faceview	Cables	Features	Shield Type	Male to RJ45	Female to RJ45
 M12 x 1	Teal PUR With Foil & Braided Shield 8 X 26 AWG 42VDC, 1.5A -40°C to +75°C 6mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield	Shield to Coupling Nut	MDE45PB-8MSP-RJ45-**	MDE45PB-8FSP-RJ45-**
			Shield to RJ45	MDE45PB-8MP-RJ45S-**	MDE45PB-8FP-RJ45S-**
			Shield to Coupling Nut & RJ45	MDE45PB-8MSP-RJ45S-**	MDE45PB-8FSP-RJ45S-**
	Teal TPE AWM With Foil & Braided Shield 8 X 24 AWG 42VDC, 1.5A -40°C to +80°C 7.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield	Shield to Coupling Nut	MDE45WB-8MSP-RJ45-**	MDE45WB-8FSP-RJ45-**
			Shield to RJ45	MDE45WB-8MP-RJ45S-**	MDE45WB-8FP-RJ45S-**
			Shield to Coupling Nut & RJ45	MDE45WB-8MSP-RJ45S-**	MDE45WB-8FSP-RJ45S-**

\*\* Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDE45-8FP-RJ45-1M becomes MDE45-8FP-RJ45-1M-SS)

### Mencom Standard Cable Color Code

M12		Color		RJ45
6		White/Orange		1
4		Orange		2
1		White/Blue		5
7		Blue		4
5		White/Green		3
8		Green		6
2		White/Brown		7
3		Brown		8



Male - RJ45 Extension



Female - RJ45 Extension

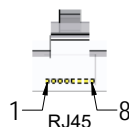
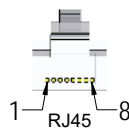
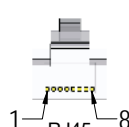
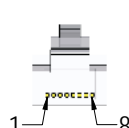


# Ethernet Series Etherlink RJ45 Cordsets

8 Conductor Ethernet Series RJ45 Cordsets, 24AWG

Double Ended Cordsets | 42 VDC, 1.5 amps | CAT5e | Over-Molded | Strain Relief



RJ45 Male to Male Plug with No Strain Relief							
# of Poles	Front View	Wire AWG Rating	Cable Standard	Cables	Shield Type	Jacket Color	Part Number
8		24 AWG	CAT5e	PVC	N/A	Gray	RJ45-*
		42 VDC 1.5 A		PUR	N/A	Gray	RJ45P-**
RJ45 Male to Male Plug with Over-Molded Strain Relief							
8		24 AWG 42 VDC 1.5 A	CAT5e	PVC Over-Molded	N/A	Blue	RJ45-IC-*-BU
						Red	RJ45-IC-*-RD
						Black	RJ45-IC-*-BK
			CAT6a	PVC Over-Molded	Foil Shield to RJ45 Connectors	Gray	RJ45S-IC-*-GY
		Blue			RJ45S-IC-*-BU		
		Blue	RJ45C6-IC-*-BU				
RJ45 Male to Male Plug with Strain Relief							
4		24 AWG 42 VDC 1.5 A	CAT5e	PVC	N/A	Teal	RJ45-4MMP-**
				PVC	Foil Shield to RJ45 Connectors	Teal	RJ45S-4MMP-**
				PUR	Foil & Braided Shield to RJ45 Connectors	Teal	RJ45SP-4MMP-**
				TPE	Foil & Braided Shield to RJ45 Connectors	Teal	RJ45SW-4MMP-**
8		24 AWG 42 VDC 1.5 A	CAT5e	PVC	N/A	Teal	RJ45-8MMP-**
				PUR	N/A	Teal	RJ45P-8MMP-**
				PUR	Foil & Braided Shield to RJ45 Connectors	Teal	RJ45SP -8MMP-**
				TPE	Foil & Braided Shield to RJ45 Connectors	Teal	RJ45SW-8MMP-**
		26 AWG 42 VDC 1.5 A	CAT5e	PVC	Foil Shield to RJ45 Connectors	Blue	RJ45S-8MMP-**
			CAT6a	PVC	Foil Shield to RJ45 Connectors	Blue	RJ45C6-8MMPS-**

\* Lengths in feet. Standard cable lengths are 1, 3, 7, 10, 15, 20, 25 & 50 feet. Consult factory for other lengths.

\*\* Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

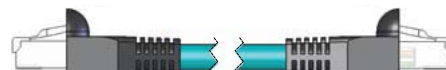
Cable specifications on Page 174~175 apply to only 24 AWG 4MMP & 8MMP cables in the table.



RJ45 Male to Male Plug



Over-Molded RJ45 Male to Male Plug



RJ45 Male to Male Plug with Strain Relief

# Ethernet (M12) Series Armored Cordsets

Connectivity Solutions for Harsh & Rugged Environments



Stainless Steel Armor | PVC Covered Jacket | Silicone Tube



Connector Body Style	Suffix Number	Description	Features
	A01	Stainless Steel with Cable Inside	Crush, Corrosion and Abrasion Resistant
	A03	PVC Covered Stainless Steel with Cable Inside	Water Tight Crush, Corrosion and Abrasion Resistant
	A50	Silicone Tube (Stops at Overmold)	Chemical and Weld Slag Resistant Hi-Temperature Resistant
	A51	Silicone Tube (Covers Overmold)	Chemical and Weld Slag Resistant Hi-Temperature Resistant

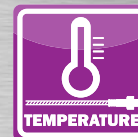
To specify Armored Cable, add the suffix number shown in the table above to the end of the part number (e.g. MDE45-4FP-1M becomes MDE45-4FP-1M-A03).

## Why do I need this product?

- To extend the life of existing assemblies in potentially destructive environments.
- Connectorize to make faster installation and future repairs.

## Where are these products used?

Harsh & Rugged Environments exposed to Chemicals, Abrasions, High Temperature, Wash Down, Welding, Cutting, Marine Applications...





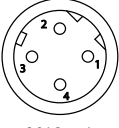
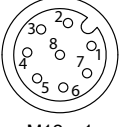


## Ethernet (M12) Series Etherplug Field Wireable Plugs

### 4 Conductor Ethernet Series Field Wireable Plugs, 18-24AWG

Field Wireable Plugs | 4 Pole D-Coded | 8 Pole A-Coded | IP67 Rating



# of Poles	Male Faceview	Wire AWG Rating	Cable O.D. Range	Male plugs		Female Plugs	
				Straight	Right Angle	Straight	Right Angle
4	 M12 x 1	18-24 AWG 250V 4A	3-6.5 mm	MDE45-4MP-FW07	MDE45-4MP-FW07-R	MDE45-4FP-FW07	MDE45-4FP-FW07-R
			4-8 mm	MDE45-4MP-FW09	MDE45-4MP-FW09-R	MDE45-4FP-FW09	MDE45-4FP-FW09-R
8	 M12 x 1	18-24 AWG 250V 4A	3-6.5 mm	MDC-8MP-FW07	MDC-8MP-FW07-R	MDC-8FP-FW07	MDC-8FP-FW07-R
			4-8 mm	MDC-8MP-FW09	MDC-8MP-FW09-R	MDC-8FP-FW09	MDC-8FP-FW09-R

These connectors are easily wired by inserting the individual wires into the screw terminal contacts.  
The Connectors are water tight to IP67 and are fully mateable with other D-Coded M12 connectors.

#### Straight Field Wireable Plugs

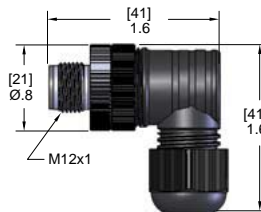


Male Plugs

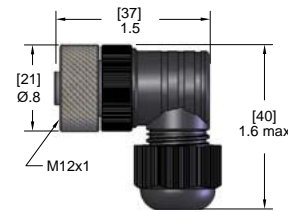


Female Plugs

#### Right Angle Field Wireable Plugs



Male Plugs



Female Plugs

#### Specifications:

Body: Black Polyamide  
 Insulator: Black Polyamide  
 Contacts: Copper Alloy with Gold Plating  
 Coupling Nut: Nickel Plated Brass  
 Seal: NBR  
 Temperature: -25°C to +85°C (-13°F to +185°F)



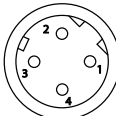
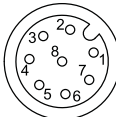
## Ethernet (M12) Series Etherplug Field Wireable Plugs

4 & 8 Conductor Ethernet Series Field Wireable Plugs, 18-24/20-24AWG



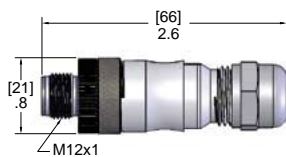
Straight Field Wireable Plugs | Shielded | 4 Pole D-Coded | 8 Pole A-Coded | IP67 Rating



# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Part Number	
					Male Plugs	Female Plugs
4	 M12 x 1	250V 4A	18-24 AWG	3-9 mm	MDE45M-4MP-FW	MDE45M-4FP-FW
8	 M12 x 1	50V 4A	20-24AWG	6-8 mm	MDCM-8MP-FW	MDCM-8FP-FW

These connectors are easily wired by inserting the individual wires into the screw terminal contacts. The Connectors are water tight to IP 67 and are fully mateable with other D-Coded M12 connectors.

### 4 Pole Version

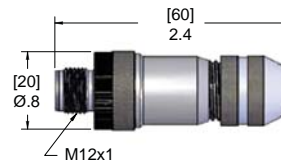


Male Straight

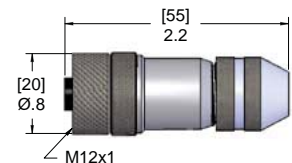


Female Straight

### 8 Pole Version



Male Straight



Female Straight



### Specifications:

Body: Nickel Plated Brass  
Insulator: Black Polyamide  
Contacts: Copper Alloy with Gold Plating

Coupling Nut: Nickel Plated Brass  
Seal: NBR  
Temperature: -25°C to +85°C (-13°F to +185°F)





# Ethernet Series Accessories

## 4 Conductor Ethernet Series Accessory Cables

100' Cables | Raw Cable Spools | CAT5e | Twisted Pairs

# of Conductors	Color Code	Wire AWG Rating	Features	DC Resistance	Continuous Flex	Part Number	
						100' Cable	Spool
4	White/Orange White/Green Orange Green	24 AWG Stranded 600V	Teal PVC AWM CMX/CMR -20°C to +80°C 6.1mm OD (0.24" OD)	≤ 89 Ω/Km	No	MDE45-4CBL-C	60C0001-*
		24 AWG Stranded 600V	Teal PVC AWM CMX/CMR With Foil/Braided Shield -20°C to +80°C 6.6mm OD (0.26" OD)	≤ 89 Ω/Km	No	MDE45B-4CBL-C	60CS001-*
		24 AWG Stranded 300V	Teal PUR AWM -40°C to +80°C 5.6mm OD (0.22" OD)	≤ 91 Ω/Km	Yes	MDE45P-4CBL-C	60CP001-*
		24 AWG Stranded 300V	Teal PUR AWM With Foil/Braided Shield -40°C to +80°C 6.4mm OD (0.25" OD)	≤ 91 Ω/Km	Yes	MDE45PB-4CBL-C	60CSP01-*
		24 AWG Stranded 600V	Teal TPE AWM CMX/CMR With Foil/Braided Shield -40°C to +80°C 6.6mm OD (0.26" OD)	≤ 140 Ω/Km	Yes	MDE45WB-4CBL-C	60CSW01-*
		24 AWG Stranded 600V	Red TPE AWM CMX/CMR With Foil/Braided Shield -40°C to +80°C 6.6mm OD (0.26" OD)	≤ 140 Ω/Km	Yes	MDE45WB-4CBL-C-RD	60CSWR1-*

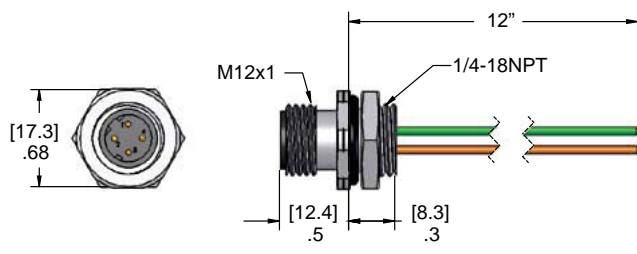
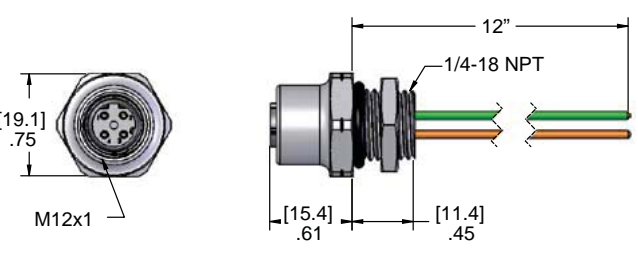
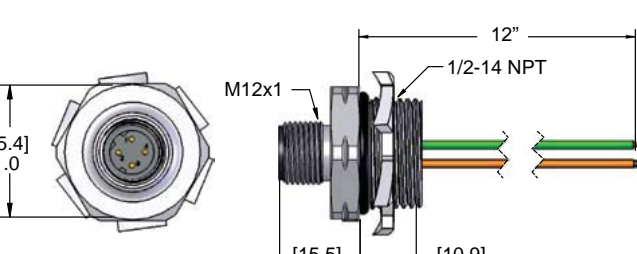
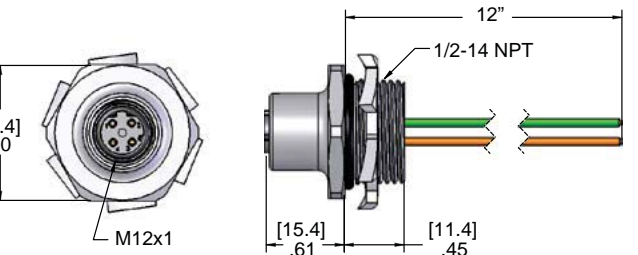
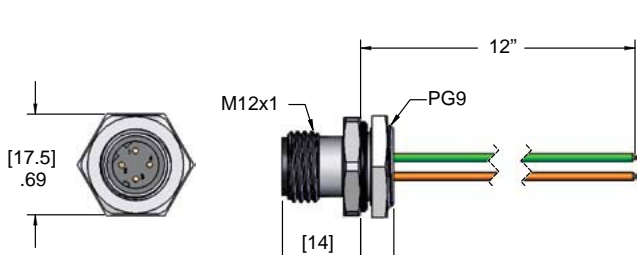
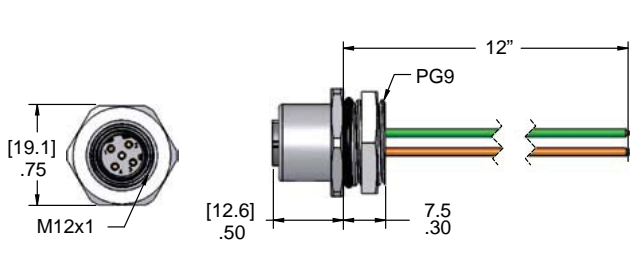
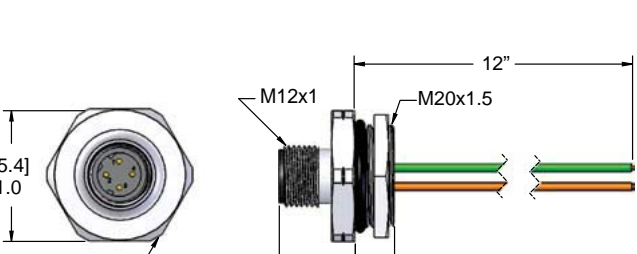
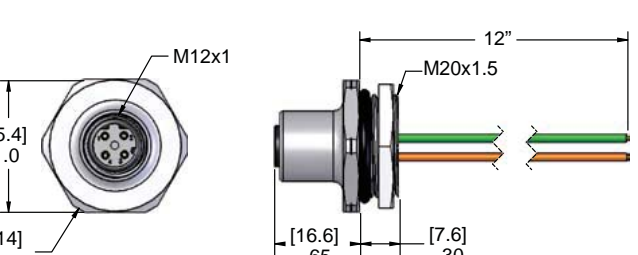
\* Standard raw spool lengths are 0250, 0500, 0750 & 1000 feet. Consult factory for other lengths.

All testing is conducted off the reel and without connectors attached.  
Cable Construction subject to change without notice.

# Ethernet (M12) Series Etherplug Receptacles

## Ethernet Series Receptacle Index

### Front Mount

<b>Front Mount, Male, 1/4"-18NPT, 12" Leads</b>	<b>Front Mount, Female, 1/4"-18NPT, 12" Leads</b>
	
<b>Front Mount, Male, 1/2"-14NPT, 12" Leads</b>	<b>Front Mount, Female, 1/2"-14NPT, 12" Leads</b>
	
<b>Front Mount, Male, PG 9, 12" Leads</b>	<b>Front Mount, Female, PG 9, 12" Leads</b>
	
<b>Front Mount, Male, M20, 12" Leads</b>	<b>Front Mount, Female, M20 , 12" Leads</b>
	

# Ethernet (M12) Series Etherplug Receptacles

## Ethernet Series Receptacle Index

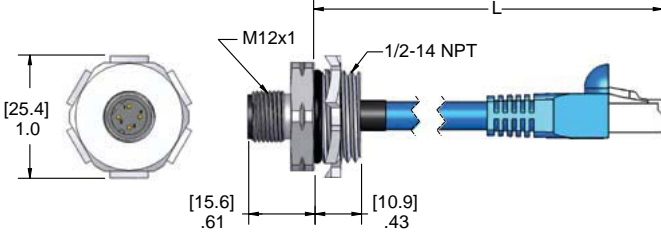
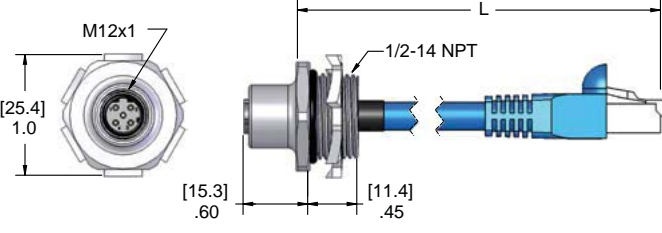
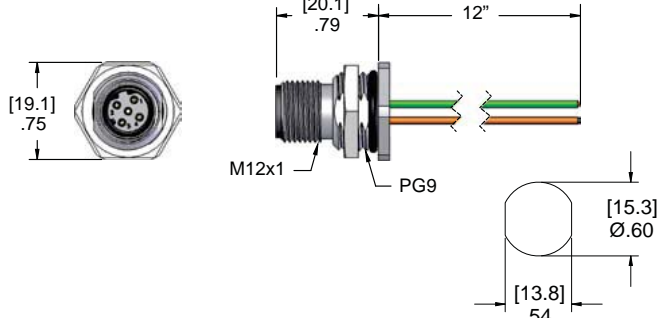
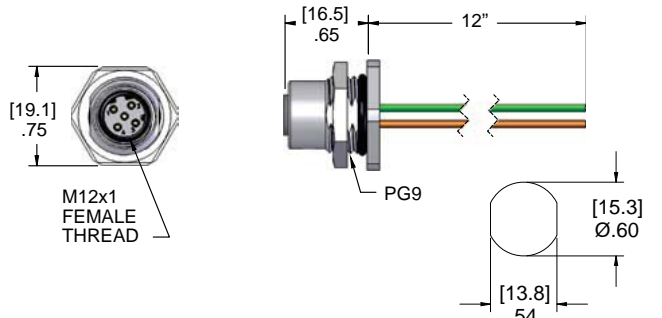
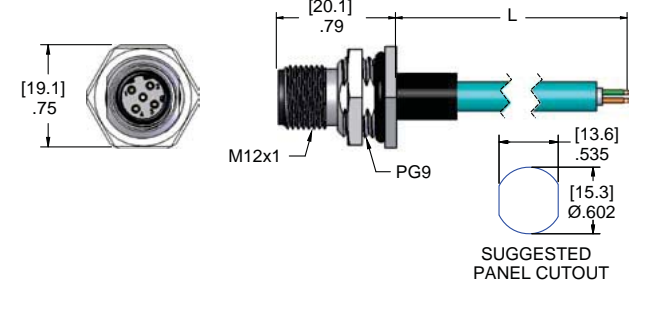
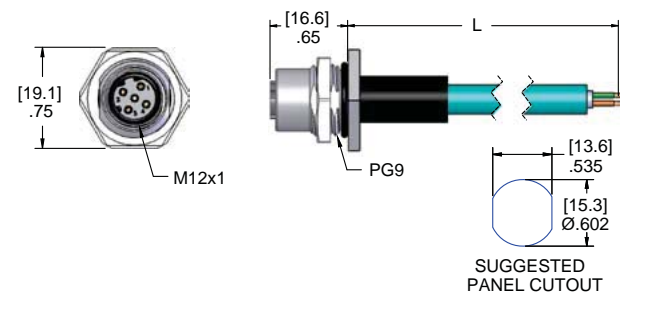
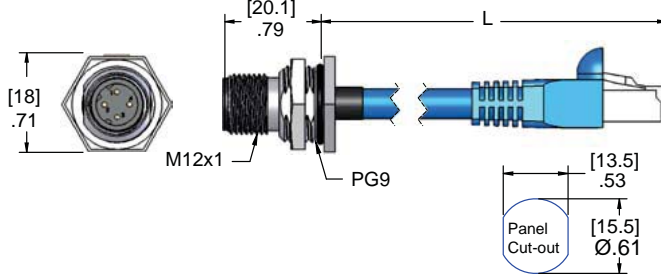
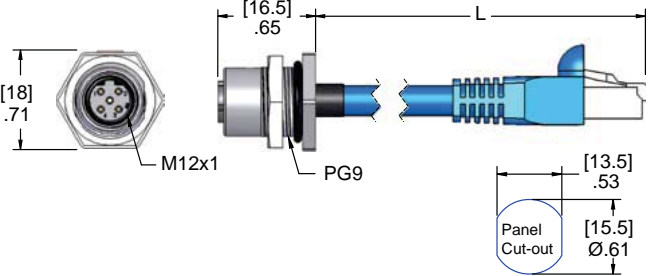
Front Mount

<b>Front Mount, Male, 1/4"-18NPT, CAT5e Cable</b>	Page 184	<b>Front Mount, Female, 1/4"-18NPT, CAT5e Cable</b>	Page 184
<b>Front Mount, Male, 1/2"-14NPT, CAT5e Cable</b>	Page 184	<b>Front Mount, Female, 1/2"-14NPT, CAT5e Cable</b>	Page 184
<b>Front Mount, Male, PG 9, CAT5e Cable</b>	Page 184	<b>Front Mount, Female, PG 9, CAT5e Cable</b>	Page 184
<b>Front Mount, Male, M20, CAT5e Cable</b>	Page 184	<b>Front Mount, Female, M20, CAT5e Cable</b>	Page 184

# Ethernet (M12) Series Etherplug Receptacles

## Ethernet Series Receptacle Index

Front Mount | Back Mount

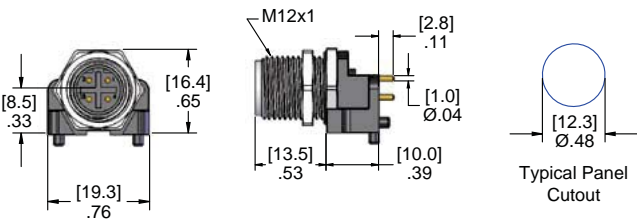
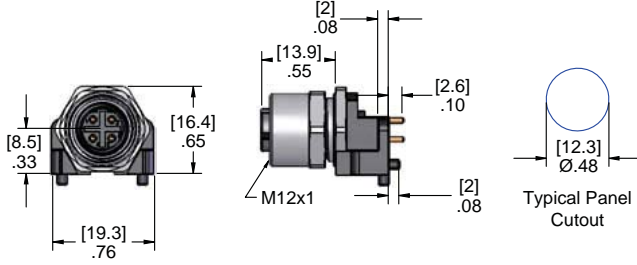
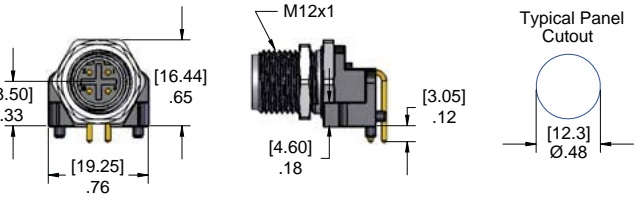
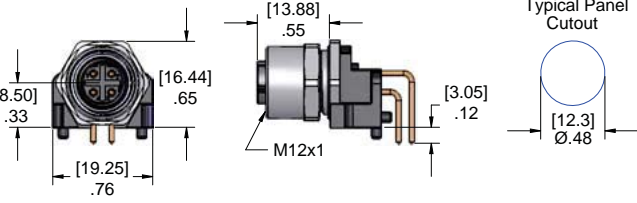
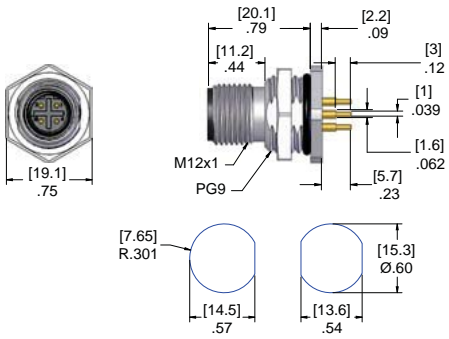
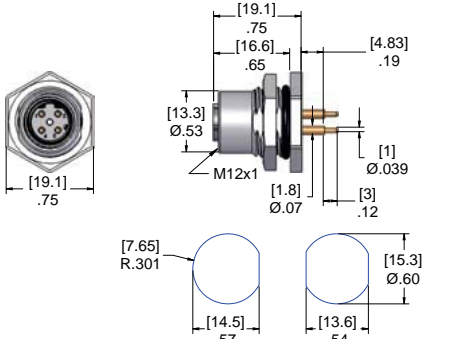
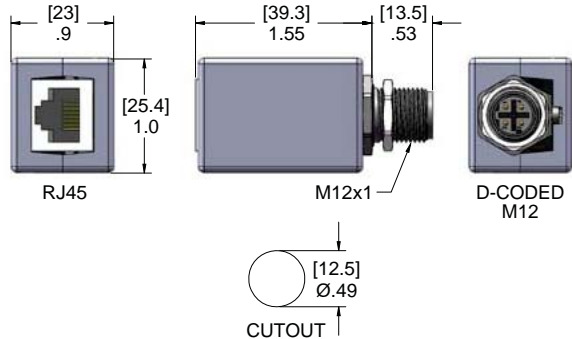
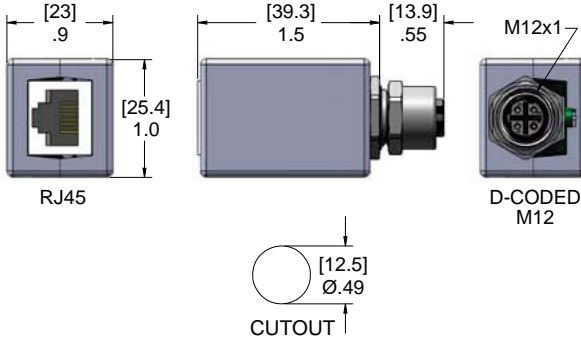
<b>Front Mount, Male, 1/2"-14NPT to Male RJ45</b> <span>Page 185</span> 	<b>Front Mount, Female, 1/2"-14NPT to Male RJ45</b> <span>Page 185</span> 
<b>Back Mount, Male, 12" Leads</b> <span>Page 186</span> 	<b>Back Mount, Female, 12" Leads</b> <span>Page 186</span> 
<b>Back Mount, Male, CAT5e Cable</b> <span>Page 186</span> 	<b>Back Mount, Female, CAT5e Cable</b> <span>Page 186</span> 
<b>Male Back Mount MDE45 Male to Male RJ45</b> <span>Page 187</span> 	<b>Female Back Mount MDE45 Female to Male RJ45</b> <span>Page 187</span> 



# Ethernet (M12) Series Etherplug Receptacles

## Ethernet Series Receptacle Index

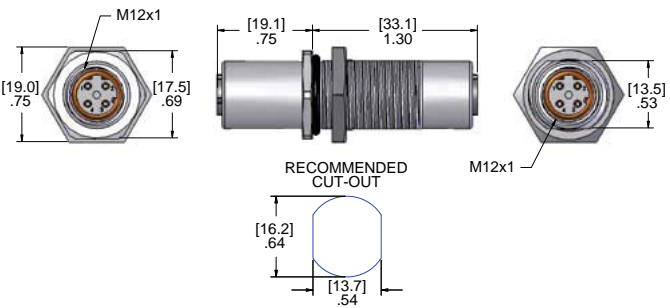
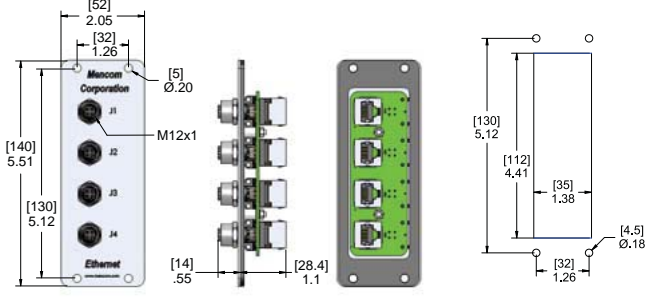
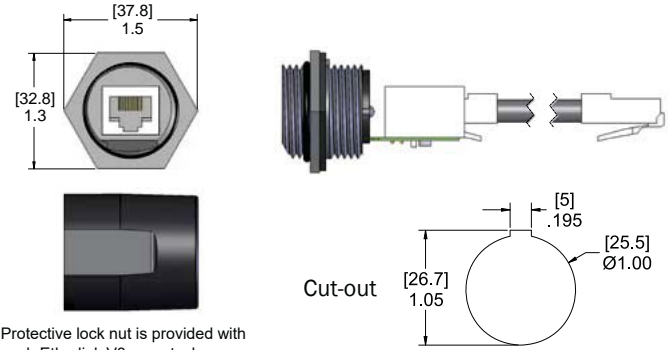
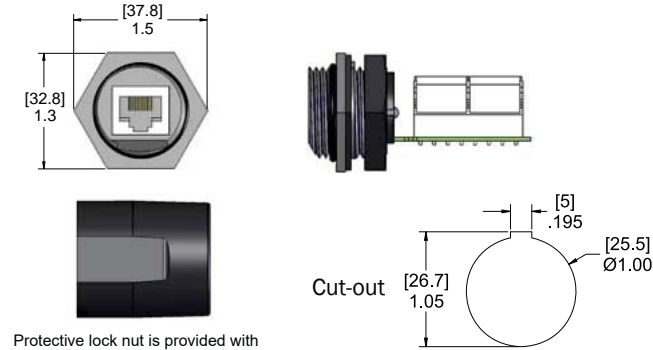
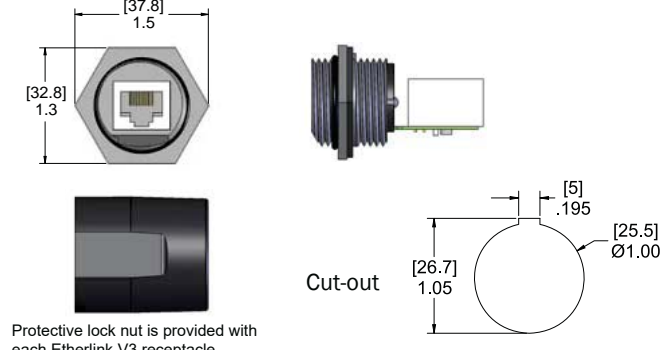
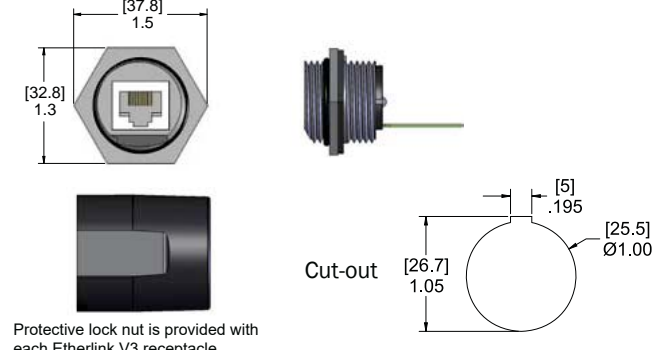
PCB Mount | PCB Back Mount | Panel Mount

PCB Mount, Male, Straight	Page 188	PCB Mount, Female, Straight	Page 188
			
PCB Mount, Male, Right Angle	Page 188	PCB Mount, Female, Right Angle	Page 188
			
PCB Back Mount, Male	Page 188	PCB Back Mount, Female	Page 188
			
Panel Mount, Male M12 to Female RJ45	Page 189	Panel Mount, Female M12 to Female RJ45	Page 189
			

# Ethernet (M12) Series Etherplug Receptacles

## Ethernet Series Receptacle Index

Through Panel Mount | Panel Mount Adapter | Etherlink V3

Through Panel Mount	Page 190	Panel Mount Adapter, MDE45 to RJ45	Page 192 ~ 193
 <p>Female to Female shown - Male to Female also available.</p>		 <p>Size 24 shown - Size 32 also available.</p>	
RJ45 Etherlink V3 Female to Male RJ45, CAT5e Cable	Page 198	RJ45 Etherlink V3 Female to 110 Puchdown Block	Page 198
 <p>Protective lock nut is provided with each Etherlink V3 receptacle.</p>		 <p>Protective lock nut is provided with each Etherlink V3 receptacle.</p>	
RJ45 Etherlink V3 Female to Female RJ45 Receptacle	Page 198	RJ45 Etherlink V3 Field Wireable, Solder to Board	Page 198
 <p>Protective lock nut is provided with each Etherlink V3 receptacle.</p>		 <p>Protective lock nut is provided with each Etherlink V3 receptacle.</p>	



# Ethernet (M12) Series Etherplug Receptacles

## 4 & 8 Conductor Ethernet Series Receptacles, 24AWG

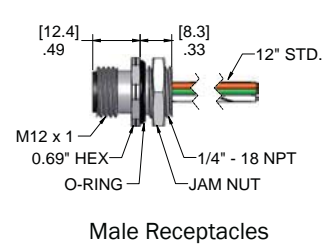


Front Mount Receptacles | NPT, PG, Metric Threads | 12" Leads | 300V, 4A | 60V, 2A | IP67 Rating

# of Poles	Male Faceview	Rating	Wire AWG	Threads	Male Receptacles	Female Receptacles
4 D-Coded	 M12 x 1	300V 4A	22 AWG	1/4"-18NPT	MDE45-4MR-4-E45	MDE45-4FR-4-E45
				1/2"-14NPT	MDE45-4MR-2-E45	MDE45-4FR-2-E45
				PG9	MDE45-4MR-PG9-E45	MDE45-4FR-PG9-E45
				Metric	MDE45-4MR-M20-E45	MDE45-4FR-M20-E45
8 A-Coded	 M12 x 1	60V 2A	24 AWG	1/4"-18NPT	MDC-8MR-4-E45	MDC-8FR-4-E45
				1/2"-14NPT	MDC-8MR-2-E45	MDC-8FR-2-E45
				PG9	MDC-8MR-PG9-E45	MDC-8FR-PG9-E45
				Metric	MDC-8MR-M20-E45	MDC-8FR-M20-E45

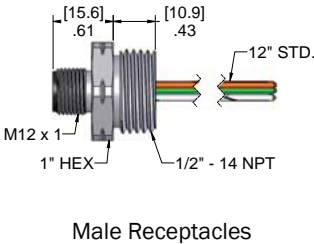
Etherplug receptacles with 12" leads or shorter come with discrete wires.  
For 1/2" receptacles with lengths of 15" or longer O-ring and lock nut are included.

### 1/4"-18NPT Threads



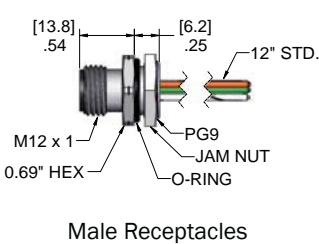
Male Receptacles

### 1/2"-14NPT Threads



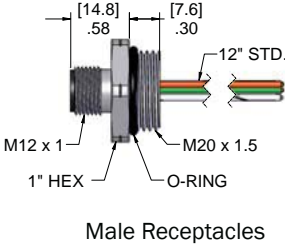
Male Receptacles

### PG9 Threads

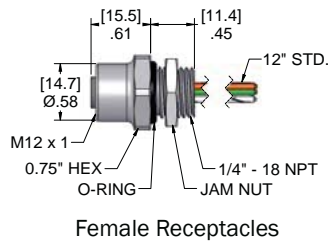


Male Receptacles

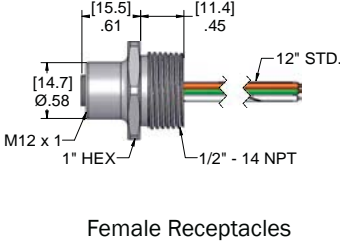
### M20 Threads



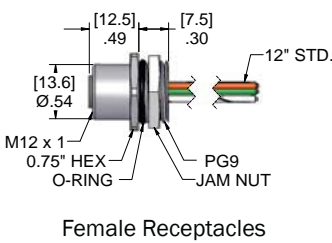
Male Receptacles



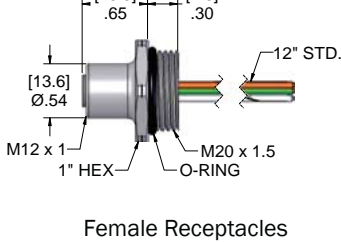
Female Receptacles



Female Receptacles



Female Receptacles



Female Receptacles

### Specifications:

Shell:  
1/4" NPT: Nickel Plated Brass  
1/2" NPT: Clear Anodized Aluminum  
PG 9: Nickel Plated Brass  
M20: Clear Anodized Aluminum  
Insulator: Polyamide  
Wires: 24 AWG 60V, 2A

Contacts: Copper Alloy with Gold Plating  
O-Ring: NBR  
Lock Nut: Zinc Plated Brass  
Jam Nut: Nickel Plated Brass  
Temperature: -40°C to +80°C (-40°F to +176°F)



# Ethernet (M12) Series Etherplug Receptacles

## 4 & 8 Conductor Ethernet Series Receptacles, 24AWG

Front Mount Receptacles | NPT, PG, Metric Threads | CAT5e Cable | 300V, 4A | 60V, 2A | IP67 Rating



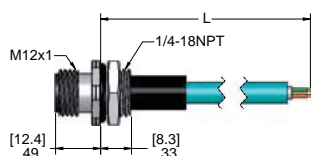
# of Poles	Male Faceview	Rating	Wire AWG	Threads	Male Receptacles	Female Receptacles
<b>4</b> D-Coded	 M12 x 1	300V 4A	2 Pair 22 AWG	1/4"-18NPT	MDE45-4MR-4-**-	MDE45-4FR-4-**-
				1/2"-14NPT	MDE45-4MR-2-**-	MDE45-4FR-2-**-
				PG9	MDE45-4MR-PG9-**-	MDE45-4FR-PG9-**-
				M20	MDE45-4MR-M20-**-	MDE45-4FR-M20-**-
<b>8</b> A-Coded	 M12 x 1	60V 2A	4 Pair 24 AWG	1/4"-18NPT	MDE45-8MR-4-**-	MDE45-8FR-4-**-
				1/2"-14NPT	MDE45-8MR-2-**-	MDE45-8FR-2-**-
				PG9	MDE45-8MR-PG9-**-	MDE45-8FR-PG9-**-
				M20	MDE45-8MR-M20-**-	MDE45-8FR-M20-**-

\*\* Lengths in meters.

For 1/2" receptacles with lengths of 15" or longer O-ring and lock nut are included.

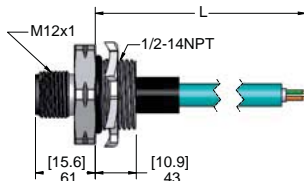
Etherplug receptacles with 12" leads or shorter come with discrete wires.

**1/4"-18 NPT**



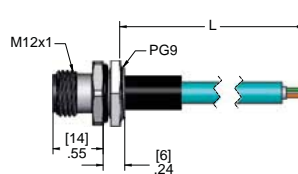
Male Receptacles

**1/2"-14 NPT**



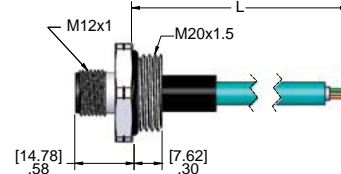
Male Receptacles

**PG9 Threads**

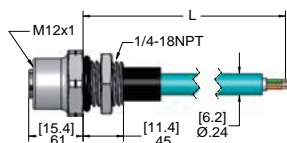


Male Receptacles

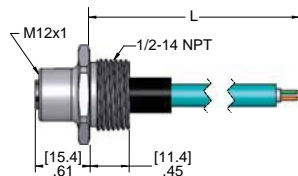
**M20 Threads**



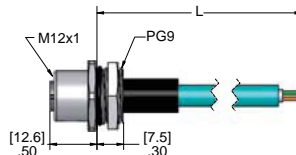
Male Receptacles



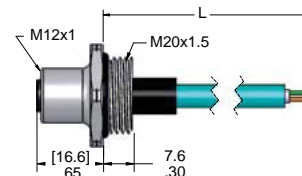
Female Receptacles



Female Receptacles



Female Receptacles



Female Receptacles

### Specifications:

Shell:	1/4" NPT: Nickel Plated Brass 1/2" NPT: Clear Anodized Aluminum PG 9: Nickel Plated Brass M20: Clear Anodized Aluminum	Wires:	24 AWG 60V, 2A
Insulator:	Polyamide	Contacts:	Copper Alloy with Gold Plating
Cable:	See PVC Cable specifications on page 174~175	O-Ring:	NBR
		Lock Nut:	Zinc Plated Brass
		Jam Nut:	Nickel Plated Brass
		Temperature:	-40°C to +80°C (-40°F to +176°F)



# Ethernet (M12) Series Etherplug Receptacles

## 4 & 8 Conductor Ethernet Series Receptacles, 24AWG



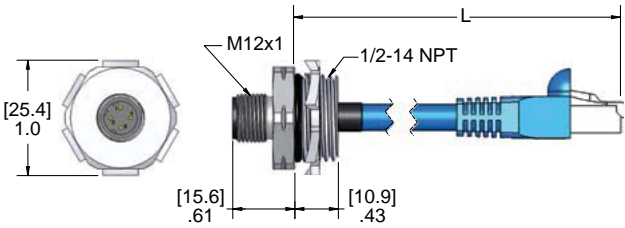
Front Mount M12 to RJ45 with CAT5e Cable | 1/2"-14NPT | 42 VDC, 1.5 amps | IP67 Rating

# of Poles	Male Faceview	Rating	Wire AWG	Wiring M12 to RJ45	Male Receptacles	Female Receptacles
4 D-Coded	 M12 x 1	42 VDC 1.5A	24 AWG	1 to 1 2 to 3 3 to 2 4 to 6	MDE45-4MR-RJ45-2-**	MDE45-4FR-RJ45-2-**
8 A-Coded	 M12 x 1	42 VDC 1.5A	24 AWG	1 to 5 2 to 7 3 to 8 4 to 2 5 to 3 6 to 1 7 to 4 8 to 6	MDE45-8MR-RJ45-2-**	MDE45-8FR-RJ45-2-**

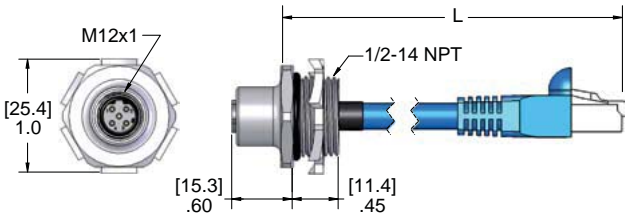
\*\* Lengths in meters.

For Cross-over color code, add a "-CC" suffix (e.g. MDE45-8MR-RJ45-BM-2M-CC).

Shielded versions are available. Please consult the factory.



Male Receptacles



Female Receptacles

### Specifications:

Shell:	Clear Anodized Aluminum
Insulator:	Polyamide
Cable:	See specifications on page 174~175
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Lock Nut:	Zinc Plated Brass
Temperature:	-40°C to +80°C (-40°F to +176°F)

### Mencom Standard Cable Color Code

MDE45		Color		RJ45
1		White/Orange		1
3		Orange		2
2		White/Green		3
4		Green		6

### Mencom Standard Cable Color Code

M12		Color		RJ45
6		White/Orange		1
4		Orange		2
1		White/Blue		5
7		Blue		4
5		White/Green		3
8		Green		6
2		White/Brown		7
3		Brown		8

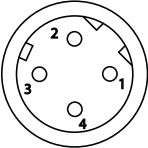
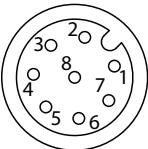


# Ethernet (M12) Series Etherplug Receptacles

4 & 8 Conductor Ethernet Series Receptacles, 24AWG

Back Mount Receptacles | 12" Leads & CAT5e Cable | 60 Volt, 2 amps | IP67 Rating

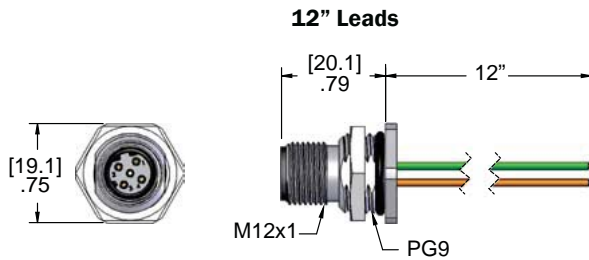


# of Poles	Male Faceview	Wire AWG Rating	12" Leads		CAT5e Cable	
			Male Receptacles	Female Receptacles	Male Receptacles	Female Receptacles
4 D-Coded	 M12 x 1	24 AWG 60V 2A	MDE45-4MR-BM-E45	MDE45-4FR-BM-E45	MDE45-4MR-BM-**	MDE45-4FR-BM-**
8 A-Coded	 M12 x 1	24 AWG 60V 2A	MDC-8MR-BM-E45	MDC-8FR-BM-E45	MDC-8MR-BM-**	MDC-8FR-BM-**

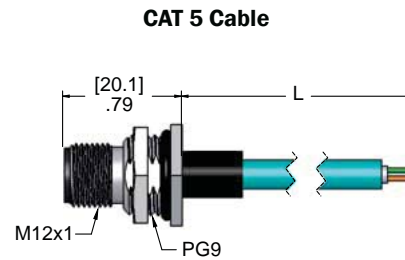
\*\* Lengths in meters.

Etherplug receptacles with 12" leads or shorter come with discrete wires.

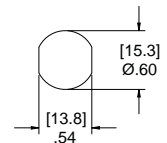
Shielded versions are available. Please consult the factory.



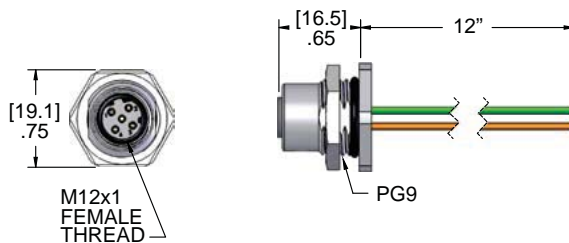
Male Receptacles



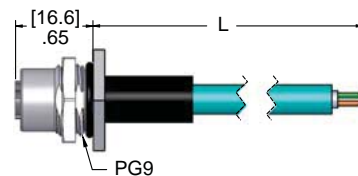
Male Receptacles



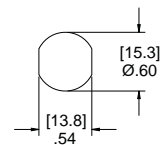
Cut-out



Female Receptacles



Female Receptacles



Cut-out

## Specifications:

Shell: Nickel Plated Brass  
 Insulator: Polyamide  
 Cable: See PVC Cable specifications on page 174~175  
 Wires: 24 AWG 60V, 2A

Contacts: Copper Alloy with Gold Plating  
 O-Ring: NBR  
 Jam Nut: Nickel Plated Brass  
 Temperature: -40°C to +80°C (-40°F to +176°F)

# Ethernet (M12) Series Etherplug Receptacles

## 4 & 8 Conductor Ethernet Series Receptacles, 24AWG



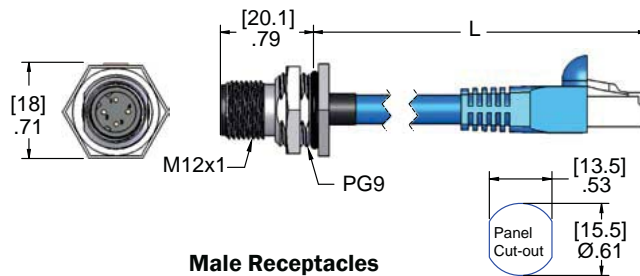
Back Mount Receptacles | CAT5e Cable | 60 Volt, 2 amps | IP67 Rating

# of Poles	Male Faceview	Rating	Wire AWG	Wiring M12 to RJ45	Male Receptacles	Female Receptacles
4 D-Coded	 M12 x 1	42 VDC 1.5A	24 AWG	1 to 1 2 to 3 3 to 2 4 to 6	MDE45-4MR-RJ45-BM-**	MDE45-4FR-RJ45-BM-**
8 A-Coded	 M12 x 1	42 VDC 1.5A	24 AWG	1 to 5 2 to 7 3 to 8 4 to 2 5 to 3 6 to 1 7 to 4 8 to 6	MDE45-8MR-RJ45-BM-**	MDE45-8FR-RJ45-BM-**

\*\* Lengths in meters.

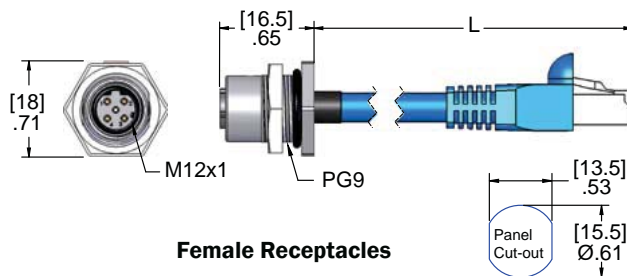
For Cross-over color code, add a "-CC" suffix (e.g. MDE45-8MR-RJ45-BM-2M-CC).

Shielded versions are available. Please consult the factory.



### Mencom Standard Cable Color Code

MDE45		Color		RJ45
1		White/Orange		1
3		Orange		2
2		White/Green		3
4		Green		6



### Mencom Standard Cable Color Code

M12		Color		RJ45
6		White/Orange		1
4		Orange		2
1		White/Blue		5
7		Blue		4
5		White/Green		3
8		Green		6
2		White/Brown		7
3		Brown		8

### Specifications:

Shell: Nickel Plated Brass  
 Insulator: Polyamide  
 Cable: See specifications on page 174~175  
 Contacts: Copper Alloy with Gold Plating  
 O-Ring: NBR  
 Jam Nut: Nickel Plated Brass  
 Temperature: -40°C to +80°C (-40°F to +176°F)



# Ethernet (M12) Series Etherplug Receptacles

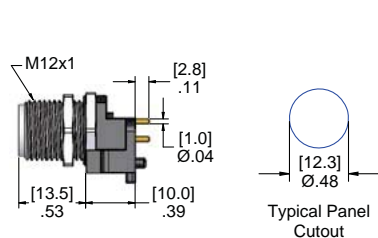
## 4 & 8 Conductor Ethernet Series Receptacles

PCB Mount & PCB Back Mount Receptacles | 250 Volt, 4 amps | IP67 Rating

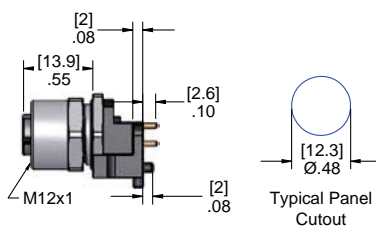


# of Poles	Male Faceview	Rating	Style	Male Receptacles	Female Receptacles
<b>4</b> D-Coded	 M12 x 1	250V 4A	Front Mount Straight	MDE45-4MR-PCB	MDE45-4FR-PCB
			Front Mount Right Angle	MDE45-4MR-PCB-R	MDE45-4FR-PCB-R
			Back Mount	MDE45-4MR-BM-PCB	MDE45-4FR-BM-PCB
<b>8</b> A-Coded	 M12 x 1	60V 2A	Front Mount Straight	MDE45-8MR-PCB	MDE45-8FR-PCB
			Front Mount Right Angle	MDE45-8MR-PCB-R	MDE45-8FR-PCB-R
			Back Mount	MDE45-8MR-BM-PCB	MDE45-8FR-BM-PCB

### PCB Receptacles

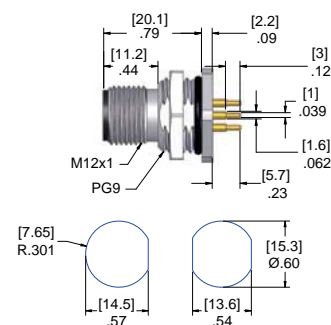


Male Receptacles



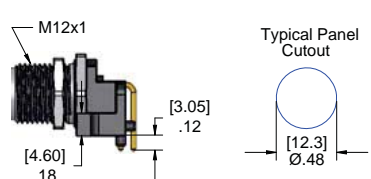
Female Receptacles

### PCB Back Mount Receptacles

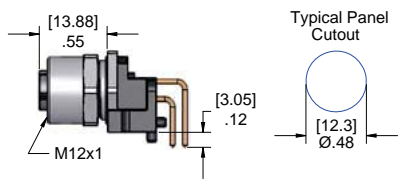


Male Receptacles

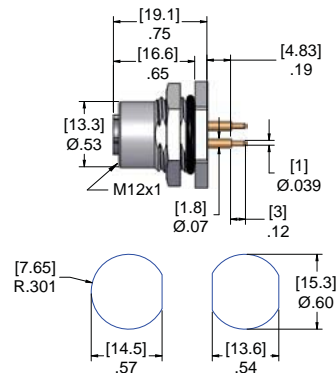
### PCB Receptacles Right Angle



Male Receptacles



Female Receptacles



Female Receptacles

### Specifications:

Body:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Shell:	Nickel Plated Brass
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass
Temperature:	-40°C to 105°C (-40°F to +221°F)



# Ethernet (M12) Series Etherplug Receptacles

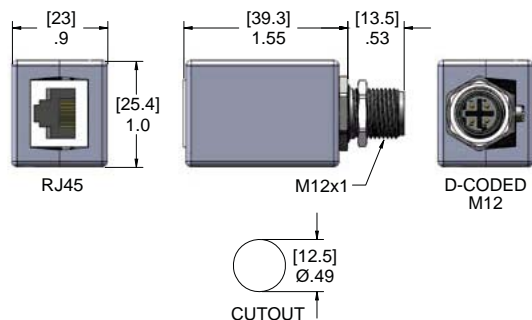
## 4 & 8 Conductor Ethernet Series Receptacles



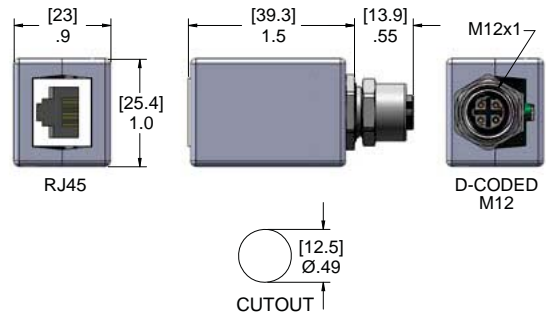
Panel Mount Receptacles | RJ45 to M12 D-Coded | IP67 Rating

4 Pole D-Coded MDE45 to Female RJ45						
# of Poles	MDE45 Faceview	MDE45 Color Code	Wiring MDE45 to RJ45	RJ45 Color Code	Part Number	RJ45 Faceview
4 Male D-Coded	 M12 x 1	1. White/Orange (+TX) 2. White/Green (+RX) 3. Orange (-TX) 4. Green (-RX)	1 to 1 2 to 3 3 to 2 4 to 6	1. White/Orange (+TX) 2. Orange (-TX) 3. White/Green (+ RX) 4. N/C 5. N/C 6. Green (-RX) 7. N/C 8. N/C	MDE45RJ-4MFR-BM	 87654321 RJ45
4 Female D-Coded	 M12 x 1	1. White/Orange (+TX) 2. White/Green (+RX) 3. Orange (-TX) 4. Green (-RX)	1 to 1 2 to 3 3 to 2 4 to 6	1. White/Orange (+TX) 2. Orange (-TX) 3. White/Green (+ RX) 4. N/C 5. N/C 6. Green (-RX) 7. N/C 8. N/C	MDE45RJ-4FFR-BM	 87654321 RJ45
8 Pole A-Coded MDE45 to Female RJ45						
8 Male A-Coded	 M12 x 1	1. White/Blue 2. White/Brown 3. Brown 4. Orange (-TX) 5. White/Green (+RX) 6. White/Orange (+TX) 7. Blue 8. Green (-RX)	1 to 5 2 to 7 3 to 8 4 to 2 5 to 3 6 to 1 7 to 4 8 to 6	1. White/Orange (+TX) 2. Orange (-TX) 3. White/Green (+ RX) 4. Blue 5. White/Blue 6. Green (-RX) 7. White/Brown 8. Brown	MDE45RJ-8MFR-BM	 87654321 RJ45
8 Female A-Coded	 M12 x 1	1. White/Blue 2. White/Brown 3. Brown 4. Orange (-TX) 5. White/Green (+RX) 6. White/Orange (+TX) 7. Blue 8. Green (-RX)	1 to 5 2 to 7 3 to 8 4 to 2 5 to 3 6 to 1 7 to 4 8 to 6	1. White/Orange (+TX) 2. Orange (-TX) 3. White/Green (+ RX) 4. Blue 5. White/Blue 6. Green (-RX) 7. White/Brown 8. Brown	MDE45RJ-8FFR-BM	 87654321 RJ45

### Male M12 to Female RJ45



### Female M12 to Female RJ45



### Specifications:

Housing: PBT  
Insulator: Polyamide  
Contacts: Copper Alloy with Gold Plating  
RJ45 Connector: CAT5e

O-Ring: NBR  
Jam Nut: Nickel Plated Brass  
Temperature: -40°C to +80°C (-40°F to +176°F)