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Connection Cables - Data

Industrial Ethernet Shielded M12 D-coded Cables

Features

- High flex industrial Ethernet shielded Cat5e cables
- Resistant to welding sparks
- Flame retardant, chemical resistant
- TPE (thermoplastic elastomer) wire insulation for applications requiring high flexibility
- HDPE (High Density Polyethylene) wire insulation for excellent insulation properties and abrasion resistance

Ethernet Shielded M12 D-coded Cables																
Part Number	Price	Number of Wires	Connectors	Cable Jacket/ Wire Insulation Material	Jacket Color	Length m [ft]	Drawing Link									
7700-44511-S4U0060	\$27.50	4	Axial male to axial male	Thermoplastic Elastomer (TPE) / High Density Polyethylene (HDPE)	Teal	0.6 [1.9]	PDF									
7700-44511-S4U0100	\$28.50					1.0 [3.2]	PDF									
7700-44511-S4U0300	\$35.50					3.0 [9.8]	PDF									
7700-44511-S4U0500	\$36.50					5.0 [16.4]	PDF									
7700-44511-S4U0750	\$44.50					7.5 [24.6]	PDF									
7700-44511-S4U1000	\$53.00					10 [32.8]	PDF									
7700-44511-S4U1500	\$71.00					15 [49.2]	PDF									
7700-44541-S4U0060	\$27.50		Axial male to 90-degree male			Axial male to 90-degree male	Thermoplastic Elastomer (TPE) / High Density Polyethylene (HDPE)	Teal	0.6 [1.9]	PDF						
7700-44541-S4U0100	\$28.50								1.0 [3.2]	PDF						
7700-44541-S4U0300	\$37.50								3.0 [9.8]	PDF						
7700-44541-S4U0500	\$39.00								5.0 [16.4]	PDF						
7700-44541-S4U0750	\$46.50								7.5 [24.6]	PDF						
7700-44541-S4U1000	\$56.00								10 [32.8]	PDF						
7700-44541-S4U1500	\$76.00								15 [49.2]	PDF						
7700-44711-S4U0060	\$26.50		Axial male to axial male RJ45			Axial male to axial male RJ45			Thermoplastic Elastomer (TPE) / High Density Polyethylene (HDPE)	Teal	0.6 [1.9]	PDF				
7700-44711-S4U0100	\$27.50										1.0 [3.2]	PDF				
7700-44711-S4U0300	\$32.50										3.0 [9.8]	PDF				
7700-44711-S4U0500	\$36.50										5.0 [16.4]	PDF				
7700-44711-S4U0750	\$46.50										7.5 [24.6]	PDF				
7700-44711-S4U1000	\$55.00										10 [32.8]	PDF				
7700-44711-S4U1500	\$76.00										15 [49.2]	PDF				
7700-44761-S4U0060	\$26.50		90-degree male to axial male RJ45			90-degree male to axial male RJ45					Thermoplastic Elastomer (TPE) / High Density Polyethylene (HDPE)	Teal	0.6 [1.9]	PDF		
7700-44761-S4U0100	\$28.00												1.0 [3.2]	PDF		
7700-44761-S4U0300	\$33.50												3.0 [9.8]	PDF		
7700-44761-S4U0500	\$38.00												5.0 [16.4]	PDF		
7700-44761-S4U0750	\$46.50												7.5 [24.6]	PDF		
7700-44761-S4U1000	\$53.00												10 [32.8]	PDF		
7700-44761-S4U1500	\$71.00												15 [49.2]	PDF		
7700-44851-S4U0050	\$26.50		Female bulkhead to axial male RJ45			Female bulkhead to axial male RJ45							Thermoplastic Elastomer (TPE) / High Density Polyethylene (HDPE)	Teal	0.5 [1.6]	PDF
7700-44851-S4U0060	\$28.00														0.6 [1.9]	PDF
7700-44851-S4U0100	\$28.00														1.0 [3.2]	PDF



7700-44511 series



7700-44541 series



7700-44711 series



7700-44851 series



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Connection Cables - Data

Industrial Ethernet M12 D-coded Shielded Cables

Ethernet Shielded M12 D-coded Specifications					
Model	44511	44541	44711	44761	44851
Type	(M12) 4-Wire, 5-Pole; (RJ45) 4-Wire, 8-Pin				
Max Voltage	60VDC				
Max Voltage - UL Rating	60VDC	30VDC			
Max Current Per Contact	4A (UL Rated to 1.5 A)	4A	1.5 A		
Protection Degree	IP65 / IP66K / IP67		M12 IP67 RJ45 IP20		M12 IP67, Nema 3, 4, 6P (UL50E) RJ45 IP20
Nut Material	Nickel plated die cast zinc				
Cable Jacket/Wire Insulation Material	Thermoplastic Elastomer (TPE) / High Density Polyethylene (HDPE)				
Contacts Material	Copper Alloy				
Tightening Torque	≤ 0.6 N·m [≤ 0.44 ft·lb]				
Conductors Cross Section	24/7 AWG				
Ø Outer Cable	6.6 mm [0.26 in]				
Min Bend Radius	Stationary use: 5 x cable diameter; Flexible use: 10 x cable diameter				
Cable Temperature Range	-40 to 80°C [-40 to 176°F]				
Channel Transmission Length	max 70m				
Data Transmission Standard	CAT5e ISO/IEC 11801 (Class D - 100 Mbit/s)				
Approvals*	cULus				

*To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.