

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	\$,-1lfj:	4	Axial male to axial male	Thermoplastic Elastomer (TPE) / High Density Polyethylene (HDPE)	Teal	0.6 [1.9]	PDF	
7700-44511-S4U0100	\$,-1lfj:					1.0 [3.2]	PDF	
7700-44511-S4U0300	\$,-1lf :					3.0 [9.8]	PDF	
7700-44511-S4U0500	\$5edb:					5.0 [16.4]	PDF	
7700-44511-S4U0750	\$5edc:					7.5 [24.6]	PDF	
7700-44511-S4U1000	\$5edd:					10 [32.8]	PDF	
7700-44511-S4U1500	\$5ede:					15 [49.2]	PDF	
7700-44541-S4U0060	\$,-1lf#:		Axial male to 90-degree male			0.6 [1.9]	PDF	
7700-44541-S4U0100	\$,-1lf!:						1.0 [3.2]	PDF
7700-44541-S4U0300	\$,-1lf?:						3.0 [9.8]	PDF
7700-44541-S4U0500	\$5edf:						5.0 [16.4]	PDF
7700-44541-S4U0750	\$5edg:						7.5 [24.6]	PDF
7700-44541-S4U1000	\$5edh:						10 [32.8]	PDF
7700-44541-S4U1500	\$5edi:						15 [49.2]	PDF
7700-44711-S4U0060	\$,-1lf,:		Axial male to axial male RJ45			0.6 [1.9]	PDF	
7700-44711-S4U0100	\$-1lg0:						1.0 [3.2]	PDF
7700-44711-S4U0300	\$-1lg1:						3.0 [9.8]	PDF
7700-44711-S4U0500	\$5edj:						5.0 [16.4]	PDF
7700-44711-S4U0750	\$5edk:						7.5 [24.6]	PDF
7700-44711-S4U1000	\$5edl:						10 [32.8]	PDF
7700-44711-S4U1500	\$5edn:						15 [49.2]	PDF
7700-44761-S4U0060	\$-1lg2:		90-degree male to axial male RJ45			0.6 [1.9]	PDF	
7700-44761-S4U0100	\$-1lg3:						1.0 [3.2]	PDF
7700-44761-S4U0300	\$-1lg4:						3.0 [9.8]	PDF
7700-44761-S4U0500	\$5edo:						5.0 [16.4]	PDF
7700-44761-S4U0750	\$5edp:						7.5 [24.6]	PDF
7700-44761-S4U1000	\$5edq:						10 [32.8]	PDF
7700-44761-S4U1500	\$5eds:						15 [49.2]	PDF
7700-44851-S4U0050	\$5edt:		Female bulkhead to axial male RJ45			0.5 [1.6]	PDF	
7700-44851-S4U0060	\$5edu:						0.6 [1.9]	PDF
7700-44851-S4U0100	\$5edv:						1.0 [3.2]	PDF



7700-44511 series



7700-44541 series



7700-44711 series



7700-44851 series



stay connected

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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.