



Product: [RSWTS 4D-RSWTS 4D-S4742](#)

Fast Ethernet Cat5e Data Double-Ended Cordset: Male angled D-coded orange M12 Standard to male angled D-coded orange M12 Standard, shielded, TPE green cable, 4-wires, 0.38 mm²

Product Description

Fast Ethernet Cat5e Data Double-Ended Cordset: Male angled D-coded orange M12 Standard to male angled D-coded orange M12 Standard, shielded, TPE green cable, 4-wires, 0.38 mm²

Technical Specifications

Product Description

Product Family:	Data Connectors
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Data Transmission Type:	Fast Ethernet Cat5e
Data Transmission Rate:	100 Mbit/s

Technical Data Side 1

Side 1 Product Sub Family:	M12 Standard
Side 1 Type of Contact/Gender:	Male
Connector Design:	Angled
Attachment Type:	Coupling Screw
Number of Pins:	4
Coding, Side 1:	D
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 ⁹ Ohm
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	- 40 °C - + 90 °C
Protection Degree / IP Rating**:	IP65, IP67, IP68 (1 m / 24 h), IP69K
Design Standard:	IEC 61076-2-101
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category:	I acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material:	CuSn
Side 1 Contact Plating:	Cu/Au
Contact Bearer Material:	PBT
Contact Bearer Color:	Black
Flammability Class (Contact Bearer):	UL 94 HB
Molded Body Material:	TPU
Molded Body Color:	Orange
Flammability Class (Molded Body):	UL 94 V-2
Attachment Material:	CuZn
Attachment Plating:	Nickel-plated
Fastening Torque (Attachment):	M 12x1: (50-60) Ncm, hand-tight

Cable Data

Cable Number:	542
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Conductor Size:	0.38 mm²
Number of Wires:	4
Minimal Bending Radius (Fixed Inst):	> 30 mm
Minimal Bending Radius (Flexible Inst):	> 60 mm
Cycles (Bending):	> 5 M
Conductor Material:	Cu
Cable Jacket Material:	TPE
Cable Jacket Color:	green matt similarly RAL 6018
Cable Diameter D:	ø 6.50 ± 0.20 mm
Wire Insulation Material:	PP
Insulated Wire Diameter:	ø 1.50 mm
Overall Shield (Cable):	Cu-ETP1 tinned
Foil shield:	Al-PT Foil
Ambient Temperature (Fixed Installation):	- 40 °C - + 90 °C (UL: + 80 °C)
Ambient Temperature (Flex Installation):	- 40 °C - + 90 °C (UL: + 80 °C)
Ambient Temperature (Drag Chain Inst):	- 25 °C - + 60 °C
Flammability Class (Cable Jacket):	CM (UL 1685)
Cable Characteristics:	Exclusion of dangerous materials; Sunlight resistance: UL 1581 sec. 1200
Core Colors:	white, blue, yellow, orange

Technical Data Side 2

Side 2 Product Sub Family:	M12 Standard
Side 2 Type of Contact/Gender:	Male
Connector Design, Side 2:	Angled
Attachment Type, Side 2:	Coupling Screw
Number of Pins, Side 2:	4
Coding, Side 2:	D
Contact Resistance, Side 2:	≤ 10 mOhm
Insulation Resistance, Side 2:	> 10^9 Ohm
Mating Cycles, Side 2:	≤ 100
Ambient Temperature (Operation), Side 2*:	- 40 °C - + 90 °C
Protection Degree / IP Rating, Side 2**:	IP65, IP67, IP68 (1 m / 24 h), IP69K
Design Standard, Side 2:	IEC 61076-2-101
Pollution Degree, Side 2:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category, Side 2:	I acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material, Side 2:	CuSn
Contact Plating, Side 2:	Cu/Au
Contact Bearer Material, Side 2:	PBT
Contact Bearer Color, Side 2:	Black
Flammability Class (Contact Bearer), Side 2:	UL 94 HB
Molded Body Material, Side 2:	TPU
Molded Body Color, Side 2:	Orange
Flammability Class (Molded Body), Side 2:	UL 94 V-2
Attachment Material, Side 2:	CuZn
Attachment Plating, Side 2:	Nickel-plated
Fastening Torque (Attachment), Side 2:	M 12x1: (50-60) Ncm, hand-tight

History

Update and Revision:	Revision Number: 0.6 Revision Date: 09-15-2025
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Variants

Item #	Item Description	Cable Length
934637990	RSWTS 4D-RSWTS 4D-S4742/54 M	
934637968	RSWTS 4D-RSWTS 4D-S4742/0,3 M	0.3 m
934637969	RSWTS 4D-RSWTS 4D-S4742/1 M	1 m
937637970	RSWTS 4D-RSWTS 4D-S4742/2 M	2 m
937637971	RSWTS 4D-RSWTS 4D-S4742/3 M	3 m
934637972	RSWTS 4D-RSWTS 4D-S4742/4 M	4 m

934637990	RSWTS 4D-RSWTS 4D-S4742/54 M	5 ft
937637973	RSWTS 4D-RSWTS 4D-S4742/5 M	5 m
934637974	RSWTS 4D-RSWTS 4D-S4742/6 M	6 m
934637975	RSWTS 4D-RSWTS 4D-S4742/7 M	7 m
934637976	RSWTS 4D-RSWTS 4D-S4742/8 M	8 m
934637977	RSWTS 4D-RSWTS 4D-S4742/10 M	10 m
934637978	RSWTS 4D-RSWTS 4D-S4742/12 M	12 m
934637979	RSWTS 4D-RSWTS 4D-S4742/14 M	14 m
934637980	RSWTS 4D-RSWTS 4D-S4742/15 M	15 m
934637980	RSWTS 4D-RSWTS 4D-S4742/15 M	15 m
934637981	RSWTS 4D-RSWTS 4D-S4742/18 M	18 m
934637982	RSWTS 4D-RSWTS 4D-S4742/23 M	23 m
934637983	RSWTS 4D-RSWTS 4D-S4742/27 M	27 m
934637983	RSWTS 4D-RSWTS 4D-S4742/27 M	27 m
934637984	RSWTS 4D-RSWTS 4D-S4742/30 M	30 m
934637985	RSWTS 4D-RSWTS 4D-S4742/34 M	34 m
934637986	RSWTS 4D-RSWTS 4D-S4742/38 M	38 m
934637987	RSWTS 4D-RSWTS 4D-S4742/42 M	42 m
934637988	RSWTS 4D-RSWTS 4D-S4742/46 M	46 m
934637989	RSWTS 4D-RSWTS 4D-S4742/50 M	50 m
934637991	RSWTS 4D-RSWTS 4D-S4742/57 M	57 m
934637992	RSWTS 4D-RSWTS 4D-S4742/61 M	61 m
934637993	RSWTS 4D-RSWTS 4D-S4742/65 M	65 m
934637994	RSWTS 4D-RSWTS 4D-S4742/70 M	70 m
934637995	RSWTS 4D-RSWTS 4D-S4742/76 M	76 m
934637996	RSWTS 4D-RSWTS 4D-S4742/80 M	80 m
934637997	RSWTS 4D-RSWTS 4D-S4742/85 M	85 m
934637998	RSWTS 4D-RSWTS 4D-S4742/90 M	90 m
934637999	RSWTS 4D-RSWTS 4D-S4742/95 M	95 m
934638000	RSWTS 4D-RSWTS 4D-S4742/100 M	100 m

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